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Â Â UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549 Â FORM 10-Q Â (Mark One) â˜’ QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the quarterly period ended September 30, 2024 OR â˜ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the transition period from _____ to _____ Commission File Number: 001-39661 Â Atea Pharmaceuticals, Inc. (Exact Name of Registrant as Specified in its Charter) Â Â Delaware 46-0574869 (State or other jurisdiction ofincorporation or organization) (I.R.S. EmployerIdentification No.) 225 Franklin Street, Suite 2100Boston, MA 02110 (Address of principal executive offices) (Zip Code) Â (857) 284-8891 (Registrantâ€™s telephone number, including area code) Â Â (Former name, former address and former fiscal year, if changed since last report) Â Â Securities registered pursuant to Section 12(b) of the Act: Â Title of each class Â TradingSymbol(s) Â Name of each exchange on which registered Common Stock, $0.001 par value per share Â AVIR Â The Nasdaq Global Select Market Â Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes â˜’ No â˜ Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (Â§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes â˜’ No â˜ Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of â€œlarge accelerated filer,â€ â€œaccelerated filer,â€ â€œsmaller reporting company,â€ and â€œemerging growth companyâ€ in Rule 12b-2 of the Exchange Act. Â Large accelerated filer â˜ Accelerated filer â˜ Â Â Â Â Non-accelerated filer â˜’ Smaller reporting company â˜’ Â Â Â Â Â Â Â Â Â Â Â Emerging growth company Â â˜ Â If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. â˜ Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes â˜ No â˜’ As of November 4, 2024, the registrant had 84,463,059 shares of common stock, $0.001 par value per share, outstanding. Â Â Â SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS Â This Quarterly Report on Form 10-Q contains forward-looking statements. We make such forward-looking statements pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995 and other federal securities laws. Forward-looking statements are neither historical facts nor assurances of future performance. Instead, they are based on our current beliefs, expectations and assumptions regarding the future of our business, future plans and strategies, our clinical development timelines and results and other future conditions. The words â€œaim,â€ â€œanticipate,â€ â€œbelieve,â€ â€œcontemplate,â€ â€œcontinue,â€ â€œcould,â€ â€œestimate,â€ â€œexpect,â€ â€œgoal,â€ â€œintend,â€ â€œmay,â€ "objective," "on track," â€œplan,â€ â€œpossible,â€ â€œpotential,â€ â€œpredict,â€ â€œproject,â€ â€œseek,â€ â€œshould,â€ â€œtarget,â€ â€œwill,â€ â€œwouldâ€ or the negative of these terms or other similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. These forward-looking statements include, among other things, statements about: â€¢our expectations relating to clinical trials for our product candidates, including projected costs, study designs and the timing for initiation, recruitment, completion, and reporting interim, top-line and final data; â€¢the potential therapeutic benefits of our product candidates and the potential indications and market opportunities therefor; â€¢the safety profile and related adverse events of our product candidates; â€¢our plans to research, develop and commercialize our current and future product candidates; â€¢the potential benefits of any future collaboration we may enter into; â€¢the timing of and our ability to apply for, and if successful, obtain and maintain regulatory approvals for our product candidates; â€¢the rate and degree of market acceptance and clinical utility of any products for which we may receive marketing approval; â€¢our manufacturing and commercialization capabilities and strategy; â€¢our estimates regarding future revenue, expenses and results of operations; â€¢the progress of, timing of and amount of expenses associated with our research, development and commercialization activities; â€¢our future financial position, capital requirements, cash runway, needs for additional financing and the availability of such financing; â€¢our business strategy; â€¢developments relating to our industry and our competitors, including competing treatments and vaccines for diseases we are treating; â€¢our expectations regarding federal, state and foreign laws and regulations; and â€¢our ability to attract, motivate, and retain key personnel. These forward-looking statements are based on managementâ€™s current expectations, estimates, forecasts and projections about our business and the industry in which we operate. These statements are neither promises nor guarantees, but involve known and unknown risks, uncertainties and other important factors that may cause our actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Factors that may cause actual results to differ materially from current expectations include the initiation, execution and completion of clinical trials, uncertainties surrounding the

timing of availability of data from our clinical trials, ongoing discussions with and actions by regulatory authorities, our development activities and those other factors we discuss in Part II, Item 1A. â€œRisk Factorsâ€ in this Quarterly Report on Form 10-Q. You should read these risk factors and the other cautionary statements made in this report as being applicable to all related forward-looking statements wherever they appear in this report. The risk factors are not exhaustive and other sections of this report may include additional factors which could adversely impact our business and financial performance. i Â Drug development and commercialization involve a high degree of risk, and only a small number of research and development programs result in commercialization of a product. Preliminary and interim results from any trial and results in early-stage clinical trials may not be indicative of full results or results from later stage or larger scale clinical trials and do not ensure regulatory approval. Moreover, we operate in a very competitive and rapidly changing environment. New risk factors emerge from time to time, and it is not possible for our management to predict all risk factors nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in, or implied by, any forward-looking statements. Given these uncertainties, you should not rely on these forward-looking statements as predictions of future events. Except as required by law, we assume no obligation to update or revise these forward-looking statements for any reason, even if new information becomes available in the future. As used in this Quarterly Report on Form 10-Q, unless otherwise specified or the context otherwise requires, the terms â€œwe,â€ â€œour,â€ â€œus,â€ and the â€œCompanyâ€ refer to Atea Pharmaceuticals, Inc. and its subsidiary. All brand names or trademarks appearing in this Quarterly Report on Form 10-Q are the property of their respective owners. ii Â SUMMARY RISK FACTORS Our business is subject to numerous risks and uncertainties, including those described in Part II, Item 1A. â€œRisk Factorsâ€ in this Quarterly Report on Form 10-Q. The principal risks and uncertainties affecting our business include the following: â€¢We have a limited operating history and no history of successfully developing or commercializing any approved antiviral products, which may make it difficult to evaluate the success of our business to date and to assess the prospects for our future viability. â€¢We have incurred significant operating expenses since inception. We expect our expenditures will increase for the foreseeable future. We have no products that have generated any commercial revenue and we may not again achieve or maintain profitability. â€¢We will require substantial additional financing, which may not be available on acceptable terms, or at all. A failure to obtain this necessary capital when needed could force us to delay, limit, reduce or terminate our product development or commercialization efforts. â€¢Our ability to use our net operating loss carryforwards and other tax attributes to offset taxable income may be subject to certain limitations. â€¢Our business is highly dependent on the success of our most advanced product candidate. If we fail to successfully develop the combination of bemnifosbuvir and ruzasvir for the treatment of HCV or we are unable to obtain regulatory approval or successfully commercialize any of our product candidates, or are significantly delayed in doing so, our business will be harmed. â€¢The regulatory approval processes of the U.S. Food and Drug Administration (â€œFDAâ€) and comparable foreign regulatory authorities are lengthy, expensive, time-consuming and inherently unpredictable. â€¢Clinical development, including enrollment of patients in clinical trials, is an expensive, lengthy and uncertain process. We may encounter substantial delays and costs in our clinical trials, or may not be able to conduct or complete our clinical trials on the timelines we expect, if at all. â€¢We intend to develop certain of our product candidates in combination with other product candidates that we discover or acquire, which exposes us to additional risks. â€¢Our product candidates may be associated with serious adverse events, undesirable side effects or have other properties that could halt their clinical development, prevent their regulatory approval, limit their commercial potential or result in significant negative consequences. â€¢We currently conduct and may in the future conduct clinical trials of our product candidates in sites outside the United States (â€œUSâ€). The FDA may not accept data from trials conducted in foreign locations. â€¢Interim, topline and preliminary data from our clinical trials that we announce or publish from time to time may change as more data become available and are subject to audit and verification procedures that could result in material changes in the final data. â€¢We may not be successful in our efforts to identify and successfully develop additional product candidates. â€¢Risks related to healthcare laws and other legal compliance matters may materially and adversely affect our business and financial results. â€¢Risks related to commercialization may materially and adversely affect our business and financial results. â€¢Risks related to manufacturing and our dependence on third parties may materially and adversely affect our business and financial results. â€¢Risks related to intellectual property may materially and adversely affect our business and financial results. â€¢We are highly dependent on our management, directors and other key personnel. â€¢We have only a limited number of employees, which may be inadequate to manage and operate our business. iii Â â€¢We may need to expand our organization, and we may experience difficulties in managing this growth, which could disrupt our operations. â€¢Our business and operations may suffer in the event of system failures, security breaches, deficiencies or intrusions which could materially affect our results. â€¢We may engage in acquisitions or strategic collaborations that could disrupt our business, cause dilution to our stockholders, reduce our financial resources, cause us to incur debt or assume contingent liabilities, and subject us to other risks. â€¢We or the third parties whom we depend upon may be adversely affected by natural disasters or other unforeseen events resulting in business interruptions and our business continuity and disaster recovery plans may not adequately protect us from such business interruptions. â€¢Increased attention to, and evolving expectations for, environmental, social, and governance (â€œESGâ€) initiatives could increase our costs, harm our reputation, or otherwise adversely impact our business. â€¢Litigation against us could be costly and time-consuming to defend and could result in additional liabilities. â€¢Unstable market and economic conditions may have serious adverse consequences on our business, financial condition and stock price. â€¢Risks related to our common stock may materially and adversely affect our stock price. â€¢If we fail to maintain effective internal control over financial reporting and effective disclosure controls and procedures, we may not be able to accurately report our financial results in a timely manner or prevent fraud, which may adversely affect investor confidence in our company. Â iv Â Table of Contents Â Page SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS i SUMMARY RISK FACTORS iii Â Â Â PART I. FINANCIAL INFORMATION 1 Item 1. Financial Statements (Unaudited) 1 Condensed Consolidated Balance Sheets 1 Condensed Consolidated Statements of Operations and Comprehensive Loss 2 Condensed Consolidated Statements of Stockholdersâ€™ Equity 3 Condensed Consolidated Statements of Cash Flows 4 Notes to Condensed Consolidated Financial Statements 5 Item 2. Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations 14 Item 3. Quantitative and Qualitative Disclosures About Market Risk 23 Item 4. Controls and Procedures 23 Â Â Â PART II. OTHER INFORMATION 24 Item 1. Legal Proceedings 24 Item 1A. Risk Factors 24 Item 2. Unregistered Sales of Equity Securities and Use of Proceeds 82 Item 5. Other Information 82 Item 6. Exhibits 83 SIGNATURES 84 Â v Â PART Iâ€”FINANCIAL INFORMATION Item 1. Financial Statements. Atea Pharmaceuticals, Inc. Condensed Consolidated Balance Sheets (in thousands, except share and per share amounts) (Unaudited) Â Â Â September 30,2024 Â Â December 31,2023 Â Assets Â Â Â Â Â Â Current assets Â Â Â Â Â Â Cash and cash equivalents Â $ 98,463 Â Â $ 143,823 Â Marketable securities Â Â 384,350 Â Â Â 434,283 Â Prepaid expenses and other current assets Â Â 4,093 Â Â Â 12,349 Â Total current assets Â Â 486,906 Â Â Â 590,455 Â Property and equipment, net Â Â 977 Â Â Â 1,289 Â Other assets Â Â 1,683 Â Â Â 1,396 Â Operating lease right-of-use assets, net Â Â 1,391 Â Â Â 1,828 Â Total assets Â $ 490,957 Â Â $ 594,968 Â Liabilities and Stockholdersâ€™ Equity Â Â Â Â Â Â Current liabilities Â Â Â Â Â Â Accounts payable Â $ 5,785 Â Â $ 4,252 Â Accrued expenses and other current liabilities Â Â 18,615 Â Â Â 27,364 Â Current portion of operating lease liabilities Â Â 790 Â Â Â 760 Â Total current liabilities Â Â 25,190 Â Â Â 32,376 Â Operating lease liabilities Â Â 1,045 Â Â Â 1,642 Â Income taxes payable Â Â 6,201 Â Â Â 5,758 Â Total liabilities Â Â 32,436 Â Â Â 39,776 Â Commitments and contingenciesÂ (see Note 12) Â Â Â Â Â Â Stockholdersâ€™ equity: Â Â Â Â Â Â Preferred stock, $0.001Â par value per share; 10,000,000Â sharesÂ Â Â authorized; noÂ shares issued and outstanding Â Â â€” Â Â Â â€” Â Common stock, $0.001Â par value; 300,000,000Â shares authorized; 84,463,059Â and 83,435,513Â shares issued and outstandingas of September 30, 2024 and December 31, 2023, respectively Â Â 84 Â Â Â 83 Â Additional paid-in capital Â Â 788,473 Â Â 750,737 Â Accumulated other comprehensive gain Â Â 641 Â Â Â 207 Â Accumulated deficit Â Â (330,677) Â Â (195,835) Total stockholdersâ€™ equity Â Â 458,521 Â Â Â 555,192 Â Total liabilities and stockholdersâ€™ equity Â $ 490,957 Â Â $ 594,968 Â Â Â Â Â Â Â Â Â The accompanying notes are an integral part of these unaudited condensed consolidated financial statements. 1 Â Atea Pharmaceuticals, Inc. Condensed Consolidated Statements of Operations and Comprehensive Loss (in thousands, except share and per share amounts) (Unaudited) Â Â Three Months EndedSeptember 30, Â Â Nine Months EndedSeptember 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Operating expenses Â Â Â Â Â Â Â Â Â Â Â Â Research and development Â $ 26,159 Â Â $ 28,181 Â Â $ 118,430 Â Â $ 79,198 Â General and administrative Â Â 11,043 Â Â Â 12,604 Â Â Â 35,494 Â Â Â 38,391 Â Total operating expenses Â Â 37,202 Â Â Â 40,785 Â Â Â 153,924 Â Â Â 117,589 Â Loss from operations Â Â (37,202) Â Â (40,785) Â Â (153,924) Â Â (117,589) Interest income and other, net Â Â 6,277 Â Â Â 7,864 Â Â Â 19,782 Â Â Â 21,466 Â Loss before income taxes Â Â (30,925) Â Â (32,921) Â Â (134,142) Â Â (96,123) Income tax expense Â Â (226) Â Â (221) Â Â (700) Â Â (669) Net loss Â $ (31,151) Â $ (33,142) Â $ (134,842) Â $ (96,792) Other comprehensive loss Â Â Â Â Â Â Â Â Â Â Â Â Unrealized gain on available-for-sale investments Â Â 921 Â Â Â 48 Â Â Â 434 Â Â Â 422 Â Comprehensive loss Â $ (30,230) Â $ (33,094) Â $ (134,408) Â $ (96,370) Net loss per share â€” basic and diluted Â $ (0.37) Â $ (0.40) Â $ (1.60) Â $ (1.16) Weighted-average number of common shares â€” basic and diluted Â Â 84,422,000 Â Â Â 83,399,769 Â Â Â 84,198,117 Â Â Â 83,374,328 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â The accompanying notes are an integral part of these unaudited condensed consolidated financial statements. 2 Â Atea Pharmaceuticals, Inc. Condensed Consolidated Statements of Stockholdersâ€™ Equity (in thousands, except share amounts) (Unaudited) Â Â Common Stock Â Â Additional Â Â Accumulated Other Â Â Accumulated Â Â Total Â Â Â Shares Â Â Amount Â Â Paid-in Capital Â Â Comprehensive Gain (Loss) Â Â Deficit Â Â Stockholders' Equity Â Balanceâ€”January 1, 2024 Â Â 83,435,513 Â Â $ 83 Â Â $ 750,737 Â Â $ 207 Â Â $ (195,835) Â $ 555,192 Â Issuance upon vesting of restricted stock units Â Â 729,032 Â Â Â 1 Â Â Â (1) Â Â â€” Â Â Â â€” Â Â Â â€” Â Issuance of common stock under employee stock purchase plan Â Â 58,555 Â Â Â â€” Â Â Â 150 Â Â Â â€” Â Â Â â€” Â Â Â 150 Â Stock-based compensation expense Â Â â€” Â Â Â â€” Â Â Â 12,586 Â Â Â â€” Â Â Â 12,586 Â Other comprehensive income (loss) Â Â â€” Â Â Â â€” Â Â Â (388) Â Â Â â€” Â Â Â (388) Net loss Â Â â€” Â Â Â â€” Â Â Â â€” Â Â Â (63,169) Â Â (63,169) Balanceâ€”March 31, 2024 Â Â 84,223,100 Â Â Â 84 Â Â Â 763,472 Â Â Â (181) Â Â (259,004) Â Â 504,371 Â Issuance upon vesting of restricted stock units Â Â 198,900 Â Â Â â€” Â Â Â â€” Â Â Â â€” Â Â Â â€” Â Stock-based compensation expense Â Â â€” Â Â Â â€” Â Â Â 12,720 Â Â Â â€” Â Â Â 12,720 Â Other comprehensive income (loss) Â Â â€” Â Â Â â€” Â Â Â (99) Â Â Â â€” Â Â Â (99) Net loss Â Â â€” Â Â Â â€” Â Â Â â€” Â Â Â (40,522) Â Â (40,522) Balanceâ€”June 30, 2024 Â Â 84,422,000 Â Â Â 84 Â Â Â 776,192 Â Â Â (280) Â Â (299,526) Â Â 476,470 Â Issuance of common stock under employee stock purchase plan Â Â 41,059 Â Â Â â€” Â Â Â 117 Â Â Â â€” Â Â Â â€” Â Â Â 117 Â Stock-based compensation expense Â Â â€” Â Â Â â€” Â Â Â 12,164 Â Â Â â€” Â Â Â 12,164 Â Other comprehensive income (loss) Â Â â€” Â Â Â â€” Â Â Â 921 Â Â Â â€” Â Â Â 921 Â Net loss Â Â â€” Â Â Â â€” Â Â Â â€” Â Â Â (31,151) Â Â (31,151) Balanceâ€”September 30, 2024 Â Â 84,463,059 Â Â $ 84 Â Â $ 788,473 Â Â $ 641 Â Â $ (330,677) Â $ 458,521 Â Common Stock Â Â Additional Â Â Accumulated Other Â Â Accumulated Â Â Total Â Â Â Â Shares Â Â Amount Â Â Paid-in Capital Â Â Comprehensive Gain (Loss) Â Â Deficit Â Â Stockholders' Equity Â Balanceâ€”January 1, 2023 Â Â 83,287,639 Â Â $ 83 Â Â $ 701,052 Â Â $ (684) Â $ (59,879) Â $ 640,572 Â Issuance upon vesting of restricted stock units Â Â 53,935 Â Â Â â€” Â Â Â â€” Â Â Â â€” Â Â Â â€” Â Â Â â€” Â Issuance of common stock under employee stock purchase plan Â Â 57,803 Â Â Â â€” Â Â Â 165 Â Â Â â€” Â Â Â â€” Â Â Â 165 Â Stock-based compensation expense Â Â â€” Â Â Â â€” Â Â Â 12,535 Â Â Â â€” Â Â Â 12,535 Â Other comprehensive income (loss) Â Â â€” Â Â Â â€” Â Â Â â€” Â Â Â 377 Â Â Â â€” Â Â Â 377 Â Net loss Â Â â€” Â Â Â â€” Â Â Â â€” Â Â Â (35,467) Â Â (35,467) Balanceâ€”March 31, 2023 Â Â 83,399,377 Â Â Â 83 Â Â Â 713,752 Â Â Â (307) Â Â (95,346) Â Â 618,182 Â Stock-based compensation expense Â Â â€” Â Â Â â€” Â Â Â 12,353 Â Â Â â€” Â Â Â 12,353 Â Other comprehensive income (loss) Â Â â€” Â Â Â â€” Â Â Â (3) Â Â Â â€” Â Â Â (3) Net loss Â Â â€” Â Â Â â€” Â Â Â â€” Â Â Â (28,183) Â Â (28,183) Balanceâ€”June 30, 2023 Â Â 83,399,377 Â Â Â 83 Â Â Â 726,105 Â Â Â (310) Â Â (123,529) Â Â 602,349 Â Issuance of common stock under employee stock purchase plan Â Â 36,136 Â Â Â â€” Â Â Â 92 Â Â Â â€” Â Â Â â€” Â Â Â 92 Â Stock-based compensation expense Â Â â€” Â Â Â â€” Â Â Â 12,383 Â Â Â â€” Â Â Â 12,383 Â Other comprehensive income (loss) Â Â â€” Â Â Â â€” Â Â Â 48 Â Â Â â€” Â Â Â 48 Â Net loss Â Â â€” Â Â Â â€” Â Â Â â€” Â Â Â (33,142) Â Â (33,142) Balanceâ€”September 30, 2023 Â Â 83,435,513 Â Â $ 83 Â Â $ 738,580 Â Â $ (262) Â $ (156,671) Â $ 581,730 Â The accompanying notes are an integral part of these unaudited condensed consolidated financial statements. 3 Â Atea Pharmaceuticals, Inc. Condensed Consolidated Statements of Cash Flows (in thousands) (Unaudited) Â Â Nine Months EndedSeptember 30, Â Â Â 2024 Â Â 2023 Â Cash flows from operating activities Â Â Â Â Â Â Net loss Â $ (134,842) Â $ (96,792) Adjustments to reconcile net loss to net cash used in Â Â Â operating activities: Â Â Â Â Â Â Stock-based compensation expense Â Â 37,470 Â Â Â 37,271 Â Depreciation and amortization expense Â Â 312 Â Â Â 312 Â Accretion of premium and discounts on marketable securities Â Â (9,108) Â Â (11,101) Changes in operating assets and liabilities: Â Â Â Â Â Â Prepaid expenses and other current assets Â Â 8,256 Â Â Â 6,023 Â Other assets Â Â (287) Â Â 98 Â Accounts payable Â Â 1,533 Â Â Â (2,156) Accrued expenses and other liabilities Â Â (8,306) Â Â 2,904 Â Operating lease liabilities Â Â (130) Â Â (120) Net cash used in operating activities Â Â (105,102) Â Â (63,561) Cash flows from investing activities Â Â Â Â Â Â Purchases of marketable securities Â Â (402,702) Â Â (515,132) Sales and maturities of marketable securities Â Â 462,177 Â Â Â 527,664 Â Net cash provided by investing activities Â Â 59,475 Â Â Â 12,532 Â Cash flows from financing activities Â Â Â Â Â Â Proceeds from issuance of common stock under ESPP Â Â 267 Â Â Â 257 Â Net cash provided by financing activities Â Â 267 Â Â Â 257 Â Net decrease in cash and cash equivalents Â Â (45,360) Â Â (50,772) Cash and cash equivalents at the beginning of period Â Â 143,823 Â Â Â 188,658 Â Cash and cash equivalents at the end of period Â $ 98,463 Â Â $ 137,886 Â Â Â Â Â Â Â Â Â The accompanying notes are an integral part of these unaudited condensed consolidated financial statements. 4 Â Â Â Atea Pharmaceuticals, Inc. Notes to Condensed Consolidated Financial Statements (in thousands, except share and per share amounts) (Unaudited) 1. OrganizationBusiness OverviewAtea Pharmaceuticals, Inc., together with its wholly owned subsidiary, Atea Pharmaceuticals Securities Corporation, is referred to herein on a consolidated basis as â€œAteaâ€ or the â€œCompanyâ€.The Company is a clinical-stage biopharmaceutical company focused on discovering, developing and commercializing oral antiviral therapeutics to improve the lives of patients suffering from serious viral infections. Currently, the Company is evaluating the combination of bemnifosbuvir, a nucleotide NS5B inhibitor, and ruzasvir, an NS5A inhibitor, for the treatment of hepatitis C virus (â€œHCVâ€) in a global Phase 2 clinical trial which is fully enrolled with 275 patients. The Company expects to report topline results from this study in the fourth quarter of 2024. If the Phase 2 clinical trial is successful, subject to discussion and alignment with regulatory authorities, the Company anticipates to initiate Phase 3 clinical development of this combination product candidate in 2025. Liquidity and Capital ResourcesAs of September 30, 2024, the Company had $482.8 million in cash, cash equivalents and marketable securities, which the Company believes will be sufficient to fund its operations for a period through at least twelve months from the issuance date of these condensed consolidated financial statements.In November 2021, the Company entered into an open market sales agreement (â€œSales Agreementâ€) with Jefferies LLC (â€œJefferiesâ€), under which the Company may from time to time offer and sell shares of its common stock for an aggregate offering price of up to $200.0 million, through or to Jefferies, acting as sales agent or principal. The shares may be offered and sold under the Companyâ€™s shelf registration statement on Form S-3 and a related prospectus filed with the Securities and Exchange Commission (â€œSECâ€) on November 24, 2021, as amended. The Company has agreed to pay Jefferies a commission of 3.0% of the aggregate gross proceeds from each sale of shares, reimburse legal fees and disbursements and provide Jefferies with customary indemnification and contribution rights. As of September 30, 2024, no shares have been issued under the Sales Agreement.Risks and UncertaintiesThe Company is subject to risks and uncertainties common to clinical-stage biopharmaceutical companies. These risks include, but are not limited to, potential failure of preclinical and clinical studies, uncertainties associated with research and development activities generally, competition from technical innovations of others, dependence upon key personnel, compliance with governmental regulations, the need to obtain marketing approval for any product candidate that the Company may develop, the need to gain broad acceptance among patients, payers and health care providers to successfully commercialize any product for which marketing approval is obtained and the need to secure and maintain adequate intellectual property protection for the Companyâ€™s proprietary technology and products. Further, the Company is currently dependent on third-party service providers for much of its preclinical research, clinical development and manufacturing activities. Product candidates currently under development, including most notably the combination of bemnifosbuvir and ruzasvir for the treatment of HCV, will require significant amounts of additional capital and additional research and development efforts, and all the Companyâ€™s product candidates will require regulatory approval, prior to commercialization. Even if the Company is able to generate revenues from the sale of its product candidates, if approved, it may not become profitable. If the Company fails to become profitable or is unable to sustain profitability on a continuing basis, then it may be unable to continue its operations at planned levels and be forced to reduce its operations. The Company may seek

additional capital through one or more of a combination of financing through the sale of additional equity securities, debt financing, or funding in connection with any new collaborative relationships it may enter into or other arrangements. There can be no assurance that the Company will be able to obtain such additional funding, on terms acceptable to the Company, on a timely basis or at all. The terms of any financing may adversely affect the holdings or the rights of the Companyâ€™s existing stockholders. Geopolitical events, 5 Â including civil or political unrest and terrorism, have resulted in a significant disruption of global business and financial markets. In addition, recent or future market volatility, increased inflation and higher interest rates, if sustained, may increase the Companyâ€™s cost of financing and may restrict our access to potential sources of future liquidity. 2. Summary of Significant Accounting Policies Basis of Presentation The unaudited interim condensed consolidated financial statements of the Company included herein have been prepared in accordance with accounting principles generally accepted in the United States (â€œGAAPâ€) as found in the Accounting Standards Codification (â€œASCâ€), Accounting Standards Update (â€œASUâ€) of the Financial Accounting Standards Board (â€œFASBâ€) and the rules and regulations of the SEC. Certain information and footnote disclosures normally included in financial statements prepared in accordance with GAAP have been condensed or omitted from this report, as is permitted by such SEC rules and regulations. Accordingly, these unaudited condensed consolidated financial statements should be read in conjunction with the Companyâ€™s audited consolidated financial statements and the notes thereto for the year ended December 31, 2023 included in the Companyâ€™s Annual Report on Form 10-K filed with the SEC on February 28, 2024.Unaudited Interim Financial Information The accompanying condensed consolidated balance sheet as of September 30, 2024, the condensed consolidated statements of operations and comprehensive loss for the three and nine months ended September 30, 2024 and 2023, the condensed consolidated statements of stockholdersâ€™ equity for the three and nine months ended September 30, 2024 and 2023, and the condensed consolidated statements of cash flows for the nine months ended September 30, 2024 and 2023 are unaudited. The unaudited interim financial statements have been prepared on the same basis as the audited annual financial statements and, in the opinion of management, reflect all adjustments, which include only normal recurring adjustments, necessary for the fair statement of the Companyâ€™s financial position as of September 30, 2024, the results of its operations for the three and nine months ended September 30, 2024 and 2023 and its cash flows for the nine months ended September 30, 2024 and 2023. The results for the three months ended September 30, 2024 are not necessarily indicative of results to be expected for the year ending December 31, 2024, or any other interim period.Use of EstimatesThe preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the condensed consolidated financial statements and in these accompanying notes. The Company bases its estimates on historical experience, known trends and other market-specific or other relevant factors and assumptions that it believes to be reasonable under the circumstances. On an ongoing basis, management evaluates its estimates, which include but are not limited to estimates of accrued research and development expenses, valuation of marketable securities, the valuation of stock-based awards, valuation of operating lease right-of-use assets and lease liabilities and income taxes. Changes in estimates are recorded in the period in which such changes become known.Principles of ConsolidationThe condensed consolidated financial statements include the accounts of Atea Pharmaceuticals, Inc. and its wholly-owned subsidiary, Atea Pharmaceuticals Securities Corporation. All intercompany amounts have been eliminated in consolidation.Significant Accounting PoliciesThere were no changes in the Companyâ€™s significant accounting policies as described in the Annual Report on Form 10-K for the year ended December 31, 2023 filed with the SEC on February 28, 2024. Recently Issued Accounting PronouncementsFrom time to time, new accounting pronouncements are issued by the FASB or other standard setting bodies that the Company adopts as of the specified effective date. The Company does not believe that the adoption of recently issued standards have or may have a material impact on its condensed consolidated financial statements and disclosures. 6 Â 3. Collaboration AgreementIn October 2020, the Company entered into a License Agreement (â€œRoche License Agreementâ€) with F. Hoffmann-LaRoche Ltd. and Genentech, Inc. (together, â€œRocheâ€) under which the Company granted an exclusive license for certain development and commercialization rights related to bemnifosbuvir outside of the United States (other than for certain HCV uses) to Roche.In November 2021, Roche provided the Company with a notice of termination of the Roche License Agreement which became effective in February 2022. Upon termination, the rights and licenses granted by the Company to Roche under the Roche License Agreement were returned to the Company, resulting in the Company having all rights to continue the clinical development and future commercialization of bemnifosbuvir worldwide. Global development plan activities and related cost sharing between the parties continued through the effective date of the termination.The activities to complete the global development plan were accounted for under ASC 808. Expenses incurred and reimbursements made or received from Roche were accounted for pursuant to ASC 730, Research and Development. As such, the Company was expensing costs as incurred, including any reimbursements made to Roche, and recognizing reimbursement received from Roche as a reduction of research and development expense through the effective date of the termination.For the three months ended September 30, 2024 and 2023, the Company recorded net credits of $0 and $3,748, respectively, from Roche. For the nine months ended September 30, 2024 and 2023, the Company recorded net credits of $1,292 and $12,625, respectively, from Roche. The credits recorded represent changes in estimate as a result of close out activities and related reporting of amounts incurred by Roche associated with the global development plan. The close out activities were completed by Roche as of March 31, 2024. As a result, the Company did not record any net credits in the three months ended September 30, 2024 and does not expect to receive any related amounts from Roche in the future. 4. Marketable Securities Â Â Â Â Â Â Â Â Â Â Â Â Â As of September 30, 2024 Â Â Â Amortized Cost Â Â Unrealized Gains Â Â Unrealized Losses Â Â Fair Value Â Marketable Securities Â Â Â Â Â Â Â Â Â Â Â Â US Treasury obligations Â $ 128,478 Â Â $ 150 Â Â $ â€” Â Â $ 128,628 Â US Government agency securities Â Â 22,059 Â Â Â 34 Â Â Â (1) Â Â 22,092 Â Asset-backed securities Â Â 54,884 Â Â Â 121 Â Â Â (3) Â Â 55,002 Â Commercial paper Â Â 16,704 Â Â Â 16 Â Â Â â€” Â Â Â 16,720 Â Corporate bonds Â Â 161,584 Â Â Â 327 Â Â Â (3) Â Â 161,908 Â Total Â $ 383,709 Â Â $ 648 Â Â $ (7) Â $ 384,350 Â Â Â Â Â Â Â Â Â Â Â Â As of December 31, 2023 Â Â Â Amortized Cost Â Â Unrealized Gains Â Â Unrealized Losses Â Â Fair Value Â Marketable Securities Â Â Â Â Â Â Â Â Â Â Â Â US Treasury obligations Â $ 155,816 Â Â $ 145 Â Â $ (23) Â $ 155,938 Â US Government agency securities Â Â 178,115 Â Â Â 96 Â Â Â (51) Â Â 178,160 Â Commercial paper Â Â 39,461 Â Â Â 14 Â Â Â (27) Â Â 39,448 Â Corporate bonds Â Â 60,684 Â Â Â 65 Â Â Â (12) Â Â 60,737 Â Total Â $ 434,076 Â Â $ 320 Â Â $ (113) Â $ 434,283 Â As of September 30, 2024, the Company held five securities that were in an unrealized loss position of $7 with an aggregate fair value of $16,157. The Company has the intent and ability to hold such securities until recovery. As a result, the Company did not record any charges for credit-related impairments for its marketable debt securities for either the three or the nine months ended September 30, 2024. 7 Â None of the securities had remaining maturities longer than one year as of September 30, 2024.The Company received proceeds of $462,177 and $527,664 from sales and maturities of marketable securities during the nine months ended September 30, 2024 and 2023, respectively. 5. Fair Value Measurements The following tables present information about the Companyâ€™s financial assets measured at fair value on a recurring basis and indicate the level of the fair value hierarchy utilized to determine such fair values: Â Â Fair Value Measurements as of September 30, 2024 Â Â Â Level 1 Â Â Level 2 Â Â Level 3 Â Â Total Â Cash equivalents Â Â Â Â Â Â Â Â Â Â Â Â Money market funds Â $ 90,641 Â Â $ â€” Â Â $ â€” Â Â $ 90,641 Â Marketable Securities Â Â Â Â Â Â Â Â Â Â Â Â US Treasury obligations Â Â â€” Â Â Â 128,628 Â Â Â â€” Â Â Â 128,628 Â US Government agency securities Â Â â€” Â Â Â 22,092 Â Â Â â€” Â Â Â 22,092 Â Asset-backed securities Â Â â€” Â Â Â 55,002 Â Â Â â€” Â Â Â 55,002 Â Commercial paper Â Â â€” Â Â Â 16,720 Â Â Â â€” Â Â Â 16,720 Â Corporate bonds Â Â â€” Â Â Â 161,908 Â Â Â â€” Â Â Â 161,908 Â Total Â $ 90,641 Â Â $ 384,350 Â Â $ â€” Â Â $ 474,991 Â Â Â Â Fair Value Measurements as of December 31, 2023 Â Â Â Level 1 Â Â Level 2 Â Â Level 3 Â Â Total Â Cash equivalents Â Â Â Â Â Â Â Â Â Â Â Â Money market funds Â $ 143,740 Â Â $ â€” Â Â $ â€” Â Â $ 143,740 Â Marketable Securities Â Â Â Â Â Â Â Â Â Â Â Â US Treasury obligations Â Â â€” Â Â Â 155,938 Â Â Â â€” Â Â Â 155,938 Â US Government agency securities Â Â â€” Â Â Â 178,160 Â Â Â â€” Â Â Â 178,160 Â Commercial paper Â Â â€” Â Â Â 39,448 Â Â Â â€” Â Â Â 39,448 Â Corporate bonds Â Â â€” Â Â Â 60,737 Â Â Â â€” Â Â Â 60,737 Â Total Â $ 143,740 Â Â $ 434,283 Â Â $ â€” Â Â $ 578,023 Â The Companyâ€™s assets with fair value categorized as Level 1 within the fair value hierarchy include money market funds. Money market funds are publicly traded mutual funds and are presented as cash equivalents on the unaudited condensed consolidated balance sheets as of September 30, 2024 and December 31, 2023.The Companyâ€™s assets with fair value categorized as Level 2 within the fair value hierarchy include treasury obligations, government agency securities, asset-backed securities, commercial paper and corporate bonds with fair values determined by utilizing information from third party pricing sources for identical or similar assets and liabilities in active market.There were no transfers between Level 1, Level 2 or Level 3 categories during the nine months ended September 30, 2024. 6. Accrued Expenses and Other Current Liabilities Accrued expenses and other current liabilities consist of the following: Â Â September 30,2024 Â Â December 31,2023 Â Research and development, including manufacturing and clinical expenditures Â $ 13,652 Â Â $ 20,999 Â Payroll and payroll related Â Â 4,535 Â Â Â 5,696 Â Professional fees and other Â Â 428 Â Â Â 669 Â Total accrued expenses and other current liabilities Â $ 18,615 Â Â $ 27,364 Â Â 8 Â Â 7. Common Stock At September 30, 2024, the authorized capital of the Company included 300,000,000 shares of the Companyâ€™s common stock, of which 84,463,059 shares of the Companyâ€™s common stock were issued and outstanding. On all matters to be voted upon by the holders of the Companyâ€™s common stock, holders of the Companyâ€™s common stock are entitled to one vote per share. The holders of the Companyâ€™s common stock have no preemptive, redemption or conversion rights. 8. Stock-based Compensation In October 2020, the Companyâ€™s shareholders approved the Companyâ€™s 2020 Incentive Award Plan (â€œ2020 Planâ€). The 2020 Plan initially provided for the issuance of up to 7,924,000 shares of the Company's common stock and for the grant of incentive stock options or other incentive awards to employees, officers, directors and consultants of the Company. The number of shares of the Company's common stock that may be issued under the 2020 Plan is also subject to increase on the first day of each calendar year equal to the lesser of i) 5% of the aggregate number of shares of the Company's common stock outstanding on the final day of the immediately preceding calendar year or ii) such smaller number of shares as is determined by the board of directors. Through December 31, 2023, the shares available under the plan had increased by 12,450,364 shares since the inception of the 2020 Plan. In January 2024, the shares of the Companyâ€™s common stock available under the 2020 Plan increased by 4,171,775 shares. As of September 30, 2024, 5,362,362 shares of the Companyâ€™s common stock were available for future issuance under the 2020 Plan.The 2020 Plan replaced and is the successor of the Companyâ€™s 2013 Equity Incentive Plan, as amended (â€œ2013 Planâ€). Upon any cancellation of outstanding option awards to purchase shares of the Company's common stock under the 2013 Plan, such shares will be made available for grant under the 2020 Plan.Stock OptionsThe following table summarizes stock option activity for the nine months ended September 30, 2024. Â Â Number ofShares Â Â WeightedAverageExercise PricePer Share Â Â WeightedAverageRemainingContractualTerm (years) Â Â AggregateIntrinsicValue($000s) Â Outstanding at January 1, 2024 Â Â 17,017,319 Â Â $ 15.30 Â Â Â 7.1 Â Â $ 5,080 Â Granted Â Â 3,213,550 Â Â $ 4.10 Â Â Â Â Â Â Â Â Exercised Â Â â€” Â Â $ â€” Â Â Â Â Â Â Â Â Cancelled Â Â (64,800) Â $ 18.27 Â Â Â Â Â Â Â Â Outstanding at September 30, 2024 Â Â 20,166,069 Â Â $ 13.51 Â Â Â 6.8 Â Â $ 6,095 Â Vested and expected to vest at September 30, 2024 Â Â 20,166,069 Â Â $ 13.51 Â Â Â 6.8 Â Â $ 6,095 Â Vested and exercisable at September 30, 2024 Â Â 14,010,255 Â Â $ 16.28 Â Â Â 6.1 Â Â $ 6,075 Â During the three and nine months ended September 30, 2024 the Company granted 34,000 and 3,213,550 stock options with an aggregate grant date fair value of $83 and $9,622, respectively. The aggregate intrinsic value of stock options is calculated as the difference between the exercise price of the stock options and the estimated fair value of the Companyâ€™s common stock for those stock options that had exercise prices lower than the fair value of the Companyâ€™s common stock.Stock options generally vest over a service period of four years after grant and have a contractual term of ten years. As of September 30, 2024, total unrecognized compensation expense related to stock option awards was $31,529, which amount is being recognized over a remaining weighted average period of 2.3 years. 9 Â Restricted Stock UnitsDuring the nine months ended September 30, 2024, the Company granted 1,126,100 restricted stock units to employees and directors under the 2020 Plan with an aggregate grant date fair market value of $4,557. The restricted stock unit awards vest in three annual installments. Below is the activity related to restricted stock units for the nine months ended September 30, 2024. Â Â Number ofShares Â Â Weighted AverageGrant Date Fair Value Â Outstanding at January 1, 2024 Â Â 2,337,517 Â Â $ 4.69 Â Granted Â Â 1,126,100 Â Â $ 4.05 Â Released Â Â (927,932) Â $ 4.65 Â Cancelled Â Â (12,633) Â $ 4.62 Â Unvested shares at September 30, 2024 Â Â 2,523,052 Â Â $ 4.42 Â As of September 30, 2024, total unrecognized compensation expense related to restricted stock units was $7,801, which amount is being recognized over a remaining weighted average period of 1.7 years.Performance-based Restricted Stock UnitsAs of December 31, 2023 the Company had 724,970 performance-based restricted stock units (â€œ2022 PSUsâ€) outstanding. The 2022 PSUs provide for a performance period from February 1, 2022 through January 31, 2025 to achieve up to six defined performance metrics. The percentage of 2022 PSUs eligible to vest will be determined based on the number of metrics achieved during the performance period and may range from 0% to 200%. The Company has not recognized any compensation expense through September 30, 2024, as achievement of the minimum performance criteria had not been deemed probable. The vesting of any eligible 2022 PSUs will occur in equal installments on January 31, 2025 and January 31, 2026.During the nine months ended September 30, 2024, the Company granted 1,057,900 performance-based restricted stock units (â€œ2024 PSUsâ€) to employees with an aggregate grant date fair value of $4,401. The 2024 PSUs provide for a performance period from February 1, 2024 through January 31, 2027 to achieve up to four defined metrics. The percentage of 2024 PSUs eligible to vest will be determined based on the number of metrics achieved during the performance period and may range from 0% to 200%. As of September 30, 2024 one metric was deemed probable of achievement resulting in expense recognition of 50% of the grant date value of the 2024 PSUs. Compensation expense is being recognized from the grant date through the final vest date of January 31, 2027. The Company recorded compensation expense of $185 and $488 for the three and nine months ended September 30, 2024.The following table summarizes the activity related to performance-based restricted stock units for the nine months ended September 30, 2024. Â Â Number ofShares Â Â Weighted AverageGrant Date Fair Value Â Outstanding at January 1, 2024 Â Â 724,970 Â Â $ 7.14 Â Granted Â Â 1,057,900 Â Â $ 4.16 Â Released Â Â â€” Â Â $ â€” Â Cancelled Â Â â€” Â Â $ â€” Â Unvested shares at September 30, 2024 Â Â 1,782,870 Â Â $ 5.37 Â Â Employee Stock Purchase PlanIn October 2020, the Companyâ€™s shareholders approved the Employee Stock Purchase Plan (â€œESPPâ€), which became effective upon the closing of the Companyâ€™s initial public offering (â€œIPOâ€) in November 2020. The Company initially reserved a total of 1,187,000 shares of the Companyâ€™s common stock for issuance under the ESPP. The ESPP provides that the number of shares reserved and available for issuance under the ESPP will be 10 Â increased on January 1 of each calendar year by 1% of the number of shares of the Companyâ€™s common stock issued and outstanding on the immediately preceding December 31 or such lesser amount as specified by the board of directors. Through December 31, 2022, there was no increase in the number of shares reserved for issuance under the ESPP. In January 2023 and January 2024, the number of shares of the Companyâ€™s common stock available for issuance under the ESPP was increased by 832,876 shares and 834,355 shares, respectively. As of September 30, 2024, 2,631,642 shares of the Companyâ€™s common stock were available for issuance under the ESPP. Under the ESPP, the Company issued 41,059 and 99,614 shares of the Company's common stock for proceeds of $117 and $267 during the three and nine months ended September 30, 2024.Stock-based Compensation Expense Stock-based compensation expense by award type included within the unaudited condensed consolidated statements of operations and comprehensive loss was as follows: Â Â Three Months EndedSeptember 30, Â Â Nine Months EndedSeptember 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Stock options Â $ 10,612 Â Â $ 11,295 Â Â $ 32,884 Â Â $ 34,592 Â Restricted stock units Â Â 1,356 Â Â Â 1,087 Â Â Â 4,018 Â Â Â 2,590 Â Performance-based stock units Â Â 185 Â Â Â â€” Â Â Â 488 Â Â Â â€” Â Employee stock purchase plan Â Â 11 Â Â Â 1 Â Â Â 80 Â Â Â 89 Â Total stock-based compensation expense Â $ 12,164 Â Â $ 12,383 Â Â $ 37,470 Â Â $ 37,271 Â Stock-based compensation expense is classified as follows: Â Â Three Months EndedSeptember 30, Â Â Nine Months EndedSeptember 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Research and development expense Â $ 5,815 Â Â $ 5,564 Â Â $ 17,869 Â Â $ 17,037 Â General and administrative Â Â 6,349 Â Â Â 6,819 Â Â Â 19,601 Â Â Â 20,234 Â Total stock-based compensation expense Â $ 12,164 Â Â $ 12,383 Â Â $ 37,470 Â Â $ 37,271 Â Â 9. Net Loss Per Share Basic and diluted earnings per share are calculated as follows: Â Â Three Months EndedSeptember 30, Â Â Nine Months EndedSeptember 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Net loss Â $ (31,151) Â $ (33,142) Â $ (134,842) Â $ (96,792) Weighted average common shares outstanding, basic and diluted Â Â 84,422,000 Â Â Â 83,399,769 Â Â Â 84,198,117 Â Â Â 83,374,328 Â Net loss per share, basic and diluted Â $ (0.37) Â $ (0.40) Â $ (1.60) Â $ (1.16) The following shares were excluded from the computation of the net loss per share for the three and nine months ended September 30, 2024 and 2023, respectively, due to the net loss during the periods as their effect is antidilutive. Â Â Â Three Months EndedSeptember 30, Â Â Nine Months EndedSeptember 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Stock options Â Â 20,166,069 Â Â Â 17,006,319 Â Â Â 20,166,069 Â Â Â 17,006,319 Â Restricted stock units Â Â 2,523,052 Â Â Â 2,337,517 Â Â Â 2,523,052 Â Â Â 2,337,517 Â Performance-based restricted stock units Â Â 1,782,870 Â Â Â 724,970 Â Â Â 1,782,870 Â Â Â 724,970 Â Â 11 Â Â 10. LeasesThe Company has a non-cancelable operating lease agreement for its office space in Boston, Massachusetts at 225 Franklin Street ("225 Lease"). The 225 Lease

commencement date was January 1, 2022 and the 225 Lease runs through December 31, 2026. The 225 Lease does not contain any options for renewal or extension. The following assets and liabilities are recorded on the Companyâ€™s consolidated balance sheet as of September 30, 2024. Â Â As of September 30, Â Â Â 2024 Â Right-of-use asset Â $ 1,391 Â Current lease liability Â Â 790 Â Non-current lease liability Â Â 1,045 Â Future minimum payments under the 225 Lease, currently the Companyâ€™s only operating lease as of September 30, 2024 were as follows. Â Â As of September 30, Â Â Â 2024 Â Remainder of 2024 Â $ 205 Â 2025 Â Â 838 Â 2026 Â Â 855 Â Total lease payments Â Â 1,898 Â Less amount representing implied interest Â Â 63 Â Total lease liability Â $ 1,835 Â Current portion of operating lease liabilities Â $ 790 Â Non-current portion of operating lease liabilities Â $ 1,045 Â For each of the three months ended September 30, 2024 and 2023, the Company recorded operating lease costs of $162, relating to its operating lease agreements. For each of the nine months ended September 30, 2024 and 2023, the Company recorded operating lease costs of $485, relating to its operating lease agreements. 11. Income Taxes The Company recorded income tax expense of $226 and $221 for the three months ended September 30, 2024 and 2023, respectively. The Company recorded income tax expense of $700 and $669 for the nine months ended September 30, 2024 and 2023, respectively. The Company maintained a full valuation allowance through September 30, 2024 due to uncertainty regarding its ability to utilize deferred tax assets. 12. Commitments and ContingenciesÂ License AgreementIn December 2021, the Company entered into a license agreement (â€œMerck License Agreementâ€) with MSD International GmbH, an affiliate of Merck & Co, Inc. (â€œMerckâ€) for the development, manufacture and commercialization of ruzasvir. Ruzasvir is the NS5A inhibitor the Company is developing in combination with bemnifosbuvir for the treatment of HCV. Pursuant to the terms of the Merck License Agreement, the Company obtained from Merck a worldwide exclusive (subject to certain reserved rights to conduct internal research) and, sublicensable license under certain Merck patents and know-how to research, develop, manufacture, have manufactured, use, import, export, sell, offer for sale, and otherwise commercialize ruzasvir or products containing ruzasvir (each a â€œProductâ€) for all therapeutic or prophylactic uses in humans.In addition to a non-refundable upfront payment that the Company made in February 2022, the Company will be required to pay Merck milestone payments upon its achievement of certain development, regulatory and 12 Â sales-based milestones. Additionally, the Company will pay Merck tiered royalties based on annual net sales of Products ranging from high single digits to mid-teens percentages. The Companyâ€™s royalty payment obligations will continue until the later of (i) the expiration of the last to expire valid claim of a licensed Merck patent claiming such Product and (ii) a period of years after the first commercial sale of such Product in such country. The Company may terminate the Merck License Agreement for convenience upon prior written notice. The first potential milestone in the amount of $5.0 million would be payable upon the commencement of the HCV Phase 3 clinical trial that the Company is currently planning.Contingent Consulting FeeThe Company has an agreement with a consultant that requires payment of a success fee calculated as a percentage of certain product sales, subject to a cumulative maximum payout of $5.0 million. This success payment is contingent upon the occurrence of future events and the timing and likelihood of such payment is neither probable nor estimable. IndemnificationThe Company enters into certain types of contracts that contingently require the Company to indemnify various parties against claims from third parties. These contracts primarily relate to (i) the Companyâ€™s bylaws, under which the Company must indemnify directors and executive officers, and may indemnify other officers and employees, for liabilities arising out of their relationship with the Company, (ii) contracts under which the Company must indemnify directors and certain officers and consultants for liabilities arising out of their relationship with the Company, and (iii) procurement, service or license agreements under which the Company may be required to indemnify vendors, service providers or licensees for certain claims, including claims that may be brought against such third parties arising from the Companyâ€™s acts or omissions with respect to the Companyâ€™s products, technology, intellectual property or services.From time to time, the Company may receive indemnification claims under these contracts in the normal course of business. In the event that one or more of these matters were to result in a claim against the Company, an adverse outcome, including a judgment or settlement, may cause a material adverse effect on the Companyâ€™s future business, operating results or financial condition. It is not possible to determine the maximum potential amount payable under these contracts since the Company has no history of prior indemnification claims and the unique facts and circumstances involved in each particular claim will be determinative. 13. Benefit PlanThe Companyâ€™s defined contribution plan under Section 401(k) of the Internal Revenue Code (â€œ401(k) Planâ€) covers substantially all employees who meet minimum age and service requirements. Under the terms of the 401(k) Plan, the Company records matching contributions up to 4% of the participantâ€™s eligible compensation. During the three months ended September 30, 2024 and 2023, the Company recognized expense of $149 and $105, respectively, relating to matching contributions to the 401(k) Plan. During the nine months ended September 30, 2024 and 2023, the Company recognized expense of $711 and $642, respectively, relating to matching contributions to the 401(k) Plan. 14. Related Party TransactionsThe Company is party to a consulting agreement with an entity controlled by one of its directors. The agreement provides for an annual retainer of $110. The Company recognized expense in the amount of $27 and $81 for each of the three and nine month periods ended September 30, 2024 and 2023, respectively.In June 2022, the Company entered into a consulting agreement with one of its directors. No expense was recognized in connection with this agreement for the three and nine months ended September 30, 2024 or 2023. 13 Â Item 2. Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations. You should read the following discussion and analysis of our financial condition and results of operations together with our unaudited condensed consolidated financial statements and related notes included elsewhere in this Quarterly Report on Form 10-Q, as well as our audited consolidated financial statements and related notes as disclosed in our Annual Report on Form 10-K for the year ended December 31, 2023, filed with the Securities and Exchange Commission (â€œSECâ€) on February 28, 2024. This discussion contains forward-looking statements based upon current plans, expectations and beliefs involving risks and uncertainties. Our actual results may differ materially from those anticipated in these forward-looking statements as a result of various factors, including those set forth in Part II, Item 1A, â€œRisk Factorsâ€ and other factors set forth in other parts of this Quarterly Report on Form 10-Q. Overview We are a clinical-stage biopharmaceutical company leveraging our deep understanding of antiviral drug development, medicinal chemistry, biology, biochemistry and virology to discover and develop novel orally administered product candidates to treat serious viral diseases. Currently, we are developing our lead product candidate, the combination of bemnifosbuvir and ruzasvir, an NS5A inhibitor, for the treatment of hepatitis C virus (â€œHCVâ€) infection. Bemnifosbuvir Derived from our internal discovery program, bemnifosbuvir, is an investigational, novel, orally administered guanosine nucleotide analog polymerase inhibitor that combines a unique nucleotide scaffold with novel double prodrugs for the intended purpose of inhibiting the enzymes central to viral replication. We believe that utilizing this double prodrug moiety approach allows us to maximize formation of the active metabolite potentially resulting in an oral antiviral product candidate that is selective for and highly effective at preventing replication and transcription of HCV and other single ssRNA viruses while avoiding toxicity to host cells. HCV Despite the availability of direct acting antiviral oral combination treatment regimens, HCV continues to be a serious viral disease in the US and globally. Approximately 58 million people globally are living with chronic HCV infection. The WHO estimates a global incidence of 1.5 million new infections and 290,000 deaths per year. In the US, HCV is recognized as a health crisis with approximately 2.4 million individuals estimated to be infected. Prevalence of HCV in the US is expected to remain constant over the coming years as rising HCV incidence largely attributable to the opioid crisis, IV drug use, and HCV reinfection, especially among younger adults, offsets the number of new patients treated. Our HCV strategy focuses on the development of bemnifosbuvir in combination with ruzasvir, an HCV NS5A inhibitor, a product candidate which we have exclusively licensed from Merck & Co, Inc. (â€œMerckâ€). Combination therapy utilizing two or more direct acting antivirals with different mechanisms of action is a scientifically and clinically well-established approach that is utilized by currently available human immunodeficiency virus, hepatitis B virus and HCV treatment regimens. The objective of our HCV development program is to improve upon the current SOC by offering, if successfully developed, the combination of bemnifosbuvir and ruzasvir, as a potentially differentiated eight-week duration, pan-genotypic protease inhibitor-free regimen with low risk of drug-drug interactions for HCV-infected patients with or without cirrhosis. The ongoing global Phase 2 clinical trial of bemnifosbuvir in combination with ruzasvir in treatment-naÃ¯ve, HCV-infected patients either without cirrhosis or with compensated cirrhosis is fully enrolled with 275 HCV-infected, treatment-naÃ¯ve patients across HCV GTs. The patients enrolled in the trial include a lead-in cohort of 60 patients without cirrhosis. This study is designed to evaluate the safety and efficacy of eight weeks of treatment with the combination consisting of once daily bemnifosbuvir 550 mg and ruzasvir 180 mg. The primary endpoints of the study are safety and sustained virologic response (â€œSVRâ€) at week 12 post-treatment (â€œSVR12â€) in the per-protocol adherent population. Other virologic endpoints include SVR12 in the per-protocol population regardless of treatment adherence, which we refer to as the efficacy evaluable population, virologic failure, SVR at week 24 post-treatment and resistance. In June 2024, at the European Association for the Study of Liver Disease Congress, we presented data from the 60 patient lead-in cohort. These data showed an SVR12 rate of 97% in the efficacy evaluable population 14 Â following the eight weeks of treatment. Two patients in the lead-in cohort (genotype 1b and genotype 2b) experienced a post-treatment relapse. Each of these patients had low plasma drug levels and viral mutations that were similar at baseline and 12-weeks post-treatment time points, which we believe indicates that the relapse was due to treatment non-adherence rather than viral resistance. The data from the lead-in cohort also showed that viral kinetics were similar in genotype 1 and genotype 3 infected patients, including a 100% SVR12 rate in historically difficult-to-treat genotype 3 infected patients. In the lead-in cohort, the combination of bemnifosbuvir and ruzasvir was generally well tolerated. There were no drug-related serious adverse events or treatment discontinuations, and adverse events were mostly mild. Final SVR12 results from all 275 patients enrolled in the global Phase 2 study are anticipated in the fourth quarter of 2024. If the Phase 2 study is successfully completed, subject to discussion and alignment with regulatory authorities, we anticipate initiating a Phase 3 clinical development program in 2025. COVID-19 In September 2024 we announced the outcome of the global Phase 3 SUNRISE-3 trial evaluating bemnifosbuvir versus placebo for the treatment of COVID-19. The trial did not meet the primary endpoint of a statistically significant reduction in all-cause hospitalization or death through Day 29 in the monotherapy cohort of 2,221 high-risk patients with mild to moderate COVID-19. We believe that the unfavorable results from this study were impacted by the constantly evolving variants of COVID-19 and rapidly changing natural history of the disease, which has trended toward a milder disease where it makes it difficult to demonstrate the impact of a direct acting antiviral. This has led us to discontinue efforts to develop bemnifosbuvir for the treatment of COVID-19. In SUNRISE-3, bemnifosbuvir was generally safe and well tolerated. Currently, we continue to wind down and close out the study. Other Separately, we are engaging in efforts to discover a potential protease inhibitor product candidate for the treatment of respiratory and other diseases resulting from infection with single stranded RNA viruses. Our efforts in this regard remain at early stages and no clinical candidate has yet to be nominated. Financial Resources We believe we are well capitalized to advance our current programs. We had $482.8 million in cash, cash equivalents and marketable securities at September 30, 2024. Based on our current plans, we anticipate these financial resources will allow us to advance our current and planned clinical programs to and through key inflection points including the completion of clinical development of the combination of bemnifosbuvir and ruzasvir for the treatment of HCV and to fund our activities through 2027. We have based this estimate on assumptions that may prove to be wrong and we could exhaust our available capital resources sooner than we expect. We do not have any products approved for sale and have not generated any product revenue since inception. We do not anticipate generating any revenue from product sales for the foreseeable future. Our ability to generate product revenue will depend on the successful development, regulatory approval and eventual commercialization of one or more of our product candidates. Until such time as we can generate significant revenue from product sales, if ever, we expect to finance our operations through private or public equity or debt financings, collaborative or other arrangements with third parties, or through other sources of financing. Our failure to meet the primary endpoints of our COVID-19 SUNRISE-3 Phase 3 clinical trial may make such financing more difficult. Adequate funding may not be available to us on acceptable terms, or at all. If we fail to raise capital or enter into such agreements as and when needed, we may have to significantly delay, scale back or discontinue the development and commercialization of our product candidates. Roche License Agreement In October 2020, with Roche, we entered into a License Agreement (â€œRoche License Agreementâ€) with F. Hoffmann-LaRoche Ltd. and Genentech, Inc. (together, â€œRocheâ€) in connection with the global development, manufacture and commercialization of bemnifosbuvir, products containing bemnifosbuvir or AT-511, the free base of bemnifosbuvir, and related companion diagnostics. During the term of the Roche License Agreement, Roche and we jointly developed bemnifosbuvir for COVID-19 on a worldwide-basis and equally shared the costs associated with such development activities. The Roche License Agreement terminated on February 10, 2022, and, accordingly, our obligations to share costs with Roche also ended. As a result of the termination of the Roche License Agreement, we regained worldwide 15 Â exclusive rights from Roche to research, develop, manufacture and commercialize bemnifosbuvir, products containing bemnifosbuvir and related companion diagnostics in all fields of use. Merck License Agreement In December 2021, we entered into a license agreement (â€œMerck License Agreementâ€) with MSD International GmbH, an affiliate of Merck & Co., Inc. (â€œMerckâ€) for the development, manufacture and commercialization of ruzasvir. Ruzasvir is an investigational NS5A inhibitor we are developing in combination with bemnifosbuvir for the treatment of HCV. Pursuant to the terms of the Merck License Agreement, we obtained from Merck an exclusive (subject to certain reserved rights to conduct internal research), sublicensable, and worldwide license under certain Merck patents and know-how to research, develop, manufacture, have manufactured, use, import, export, sell, offer for sale, and otherwise commercialize ruzasvir or products containing ruzasvir (each a â€œProductâ€) for all therapeutic or prophylactic uses in humans. In addition to a non-refundable upfront payment that we made in February 2022, we will be required to pay Merck milestone payments upon our achievement of certain development, regulatory and sales-based milestones. Additionally, we will pay Merck tiered royalties based on annual net sales of Products ranging from high single digits to mid-teens percentages. Our royalty payment obligations will continue until the later of (i) the expiration of the last to expire valid claim of a licensed Merck patent claiming such Product and (ii) a period of years after the first commercial sale of such Product in such country. We may terminate the Merck License Agreement for convenience upon prior written notice. The first potential milestone, in the amount of $5.0 million, would be payable upon the commencement of the HCV Phase 3 clinical trial that we are currently planning to initiate in 2025 subject to discussion and alignment with regulatory authorities. Financial Operations Overview As of September 30, 2024, we had cash, cash equivalents and marketable securities of $482.8 million. Net cash used in operating activities was $105.1 million for the nine months ended September 30, 2024. We expect that our net cash used in operating activities will remain significant as we advance our product candidates through preclinical and clinical development, seek regulatory approval, and prepare for and, if approved, manufacture such products at commercial scale and otherwise pursue commercialization activities; acquire, discover, validate and develop additional product candidates; obtain, maintain, protect and enforce our intellectual property portfolio; and hire additional personnel. In addition, we may incur additional costs as we continue to operate as a public company. We believe that our available cash and cash equivalents will be sufficient to fund our planned operations through 2027. We have based this estimate on assumptions that may prove to be wrong and we could exhaust our available capital resources sooner than we expect. We do not have any products approved for sale and have not generated any product revenue since inception. We do not anticipate generating any revenue from product sales for the foreseeable future. Our ability to generate product revenue will depend on the successful development, regulatory approval and eventual commercialization of one or more of our product candidates. Until such time as we can generate significant revenue from product sales, if ever, we expect to finance our operations through private or public equity or debt financings, collaborative or other arrangements with third parties, or through other sources of financing. Our failure to meet the primary endpoint of our COVID-19 SUNRISE-3 Phase 3 clinical trial may make such financing more difficult. Adequate funding may not be available to us on acceptable terms, or at all. If we fail to raise capital or enter into such agreements as and when needed, we may have to significantly delay, scale back or discontinue the development and commercialization of our product candidates. We plan to continue to use third-party service providers, including clinical research organizations (â€œCROsâ€) to carry out our preclinical and clinical development, and contract manufacturing organizations (â€œCMOsâ€) to manufacture and supply the materials used during the development of our product candidates. Additionally, we expect to rely on CMOs for the manufacture of commercial supply of any product candidate we may successfully develop. As we continue to advance our programs, we expect to incur significant expenses over the next several years, as we: â€¢advance the clinical development of the combination of bemnifosbuvir and ruzasvir for the treatment of HCV which is expected to include later stage Phase 3 development, if the Phase 2 clinical trial we are currently conducting is successful; 16 Â â€¢continue discovery and IND-enabling activities in anticipation of nominating a protease inhibitor product candidate for the treatment of respiratory and other diseases resulting from infection with single stranded RNA viruses; â€¢initiate clinical development of a protease inhibitor for the treatment of respiratory and other diseases resulting from infection with single stranded RNA viruses; â€¢manufacture the combination of bemnifosbuvir and ruzasvir in a fixed dose tablet for use in potential Phase 3 development and for potential commercialization, if approved, of the combination for the treatment of HCV; â€¢seek market approval and prepare for potential commercialization of product candidates we may successfully develop; â€¢acquire or in-license clinical stage drug candidates, form strategic alliances or establish collaborations with third parties; â€¢maintain, expand, protect and enforce our intellectual property portfolio; â€¢hire additional research, development and administrative personnel; and â€¢establish commercialization capabilities if we are successful in developing our product

candidates. Components of Results of Operations Revenue We do not have any products approved for sale and we have not generated any revenue in the periods presented. If our development efforts for our product candidates are successful and result in commercialization, we may generate revenue in the future from product sales. Additionally, we may generate revenue from collaboration or license agreements that we may enter into with third parties. Operating Expenses Research and Development Expenses Substantially all of our research and development expenses consist of expenses incurred in connection with the discovery and development of our product candidates. These expenses include external costs consisting of fees paid to third parties, including CROs and CMOs, to conduct certain research and development activities on our behalf and consulting costs, as well as internal costs consisting of payroll and personnel-related expenses, including salaries and bonuses, employee benefit costs and stock-based compensation expenses for our research and product development employees and allocated overhead, including rent, equipment, depreciation, information technology costs and utilities attributable to our research and development personnel. We expense both internal and external research and development expenses as they are incurred. In circumstances where amounts have been paid in advance or in excess of costs incurred, we record a prepaid expense, which is expensed as services are performed or goods are delivered. A significant portion of our research and development costs have been external costs, which we track by therapeutic area. We have not historically tracked our internal research and development expenses by therapeutic area as they are deployed across multiple programs. As discussed in Note 3 to our unaudited condensed consolidated financial statements, during the term of the Roche License Agreement which terminated in February 2022, we and Roche shared certain manufacturing and clinical development costs on a 50/50 basis. Billings to us by Roche for our percentage share of such expenses were recorded in research and development expenses. During the three months ended September 30, 2024 and 2023, we recorded a net reduction to research and development expenses of $0 million and $3.7 million, respectively, related to credits received from Roche. During the nine months ended September 30, 2024 and 2023, we recorded a net reduction to research and development expenses of $1.3 million and $12.6 million, respectively, related to credits received from Roche. These credits were the result, following the termination of the Roche License Agreement, of changes and adjustments by Roche in estimated amounts of expenses reported by Roche during the period in which we and Roche shared costs associated with the development of bemnifosbuvir. We do not anticipate to receive any additional credits from Roche or record any related additional net reductions to research and development expenses. 17 Â Â Â Three Months EndedSeptember 30, Â Â Nine Months EndedSeptember 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Â Â (in thousands) Â Â (in thousands) Â COVID-19 external costs Â $ 6,236 Â Â $ 10,122 Â Â $ 56,975 Â Â $ 25,930 Â HCV external costs Â Â 8,578 Â Â Â 5,345 Â Â Â 25,032 Â Â Â 11,729 Â Dengue external costs Â Â 12 Â Â Â 1,003 Â Â Â 34 Â Â Â 5,417 Â Internal research and development costs Â Â 11,333 Â Â Â 11,711 Â Â Â 36,389 Â Â Â 36,122 Â Total research and development costs Â $ 26,159 Â Â $ 28,181 Â Â $ 118,430 Â Â $ 79,198 Â We are focusing substantially all of our resources on the development of our product candidates. We expect our research and development expenses to vary quarter over quarter particularly as we advance our HCV clinical program into Phase 3 clinical development if our Phase 2 clinical trial is successful, pursue regulatory approval of our product candidates and prepare for the possible commercialization of these product candidates. Predicting the timing or cost to complete our clinical programs, validate our commercial manufacturing and supply processes and manufacture of product at commercial scale is difficult and delays may occur because of many factors, including factors outside of our control. For example, if the FDA or other regulatory authorities were to require us to conduct clinical trials beyond those that we currently anticipate or the time to complete planned clinical trials is extended due to delays in enrollment or otherwise, we could be required to expend significant additional financial resources and time on the completion of clinical development. Furthermore, we are unable to predict with any certainty when our product candidates, if ever, will receive regulatory approval. General and Administrative Expenses General and administrative expenses consist principally of payroll and personnel expenses, including salaries and bonuses, benefits and stock-based compensation expenses, professional fees for legal, consulting, accounting and tax services, allocated overhead, including rent, equipment, depreciation, information technology costs and utilities, and other general operating expenses not otherwise classified as research and development expenses. We anticipate that our general and administrative expenses may increase, including in connection with any future expansion of our organization for potential commercialization of our product candidates, as a result of increased personnel costs, expanded infrastructure, increased consulting, legal and accounting services costs associated with complying with Nasdaq and SEC requirements and increased investor relations costs. Interest Income and Other, Net Interest income and other, net, consists primarily of interest income earned on our cash, cash equivalents and marketable securities. Income Taxes Income taxes consists primarily of federal and state current income taxes. 18 Â Results of Operations Comparison of the Three Months Ended September 30, 2024 and 2023 The following table summarizes our results of operations for the periods indicated: Â Â Three Months EndedSeptember 30, Â Â Â Â Â Â 2024 Â Â 2023 Â Â Change Â Â Â (in thousands) Â Operating expenses: Â Â Â Â Â Â Â Â Research and development Â $ 26,159 Â Â $ 28,181 Â Â $ (2,022) General and administrative Â Â 11,043 Â Â Â 12,604 Â Â Â (1,561) Total operating expenses Â Â 37,202 Â Â Â 40,785 Â Â Â (3,583) Loss from operations Â Â (37,202) Â Â (40,785) Â Â 3,583 Â Interest income and other, net Â Â 6,277 Â Â Â 7,864 Â Â Â (1,587) Loss before income taxes Â Â (30,925) Â Â (32,921) Â Â 1,996 Â Income tax expense Â Â (226) Â Â (221) Â Â (5) Net loss Â $ (31,151) Â $ (33,142) Â $ 1,991 Â Research and Development Expenses Research and development expenses decreased by $2.0 million from $28.2 million for the three months ended September 30, 2023 to $26.2 million for the three months ended September 30, 2024. The net decrease was primarily driven by lower external spend related to our COVID-19 Phase 3 SUNRISE-3 clinical trial offset by higher spend related to our HCV Phase 2 clinical trial of the combination of bemnifosbuvir and ruzasvir. General and Administrative Expenses General and administrative expenses decreased by $1.6 million from $12.6 million for the three months ended September 30, 2023 to $11.0 million for the three months ended September 30, 2024. The net decrease was primarily related to lower professional fees. Interest Income and Other, Net Interest income and other, net, decreased by $1.6 million for the three months ended September 30, 2024 compared to the three months ended September 30, 2023, primarily due to lower investment balances. Income Taxes We recorded an income tax expense of $0.2 million for each of the three months ended September 30, 2024 and 2023. Comparison of the Nine Months Ended September 30, 2024 and 2023 The following table summarizes our results of operations for the periods indicated: Â Â Â Nine Months EndedSeptember 30, Â Â Â Â Â Â 2024 Â Â 2023 Â Â Change Â Â Â (in thousands) Â Operating expenses: Â Â Â Â Â Â Â Â Research and development Â $ 118,430 Â Â $ 79,198 Â Â $ 39,232 Â General and administrative Â Â 35,494 Â Â Â 38,391 Â Â Â (2,897) Total operating expenses Â Â 153,924 Â Â Â 117,589 Â Â Â 36,335 Â Loss from operations Â Â (153,924) Â Â (117,589) Â Â (36,335) Interest income and other, net Â Â 19,782 Â Â Â 21,466 Â Â Â (1,684) Loss before income taxes Â Â (134,142) Â Â (96,123) Â Â (38,019) Income tax expense Â Â (700) Â Â (669) Â Â (31) Net loss and comprehensive loss Â $ (134,842) Â $ (96,792) Â $ (38,050) Â 19 Â Â Research and Development Expenses Research and development expenses increased by $39.2 million from $79.2 million for the nine months ended September 30, 2023 to $118.4 million for the nine months ended September 30, 2024. The net increase was primarily driven by higher external spend related to our COVID-19 Phase 3 SUNRISE-3 clinical trial and our HCV Phase 2 clinical trial of the combination of bemnifosbuvir and ruzasvir. General and Administrative Expenses General and administrative expenses decreased by $2.9 million from $38.4 million for the nine months ended September 30, 2023 to $35.5 million for the nine months ended September 30, 2024. The net decrease was primarily related to lower professional fees. Interest Income and Other, Net Interest income and other, net, decreased by $1.7 million for the nine months ended September 30, 2024 compared to the nine months ended September 30, 2023, primarily due to lower investment balances. Income Taxes We recorded an income tax expense of $0.7 million for each of the nine months ended September 30, 2024 and 2023. Liquidity and Capital Resources Sources of Liquidity As of September 30, 2024, we had cash, cash equivalents and marketable securities of $482.8 million. Based upon our current operating plan, we believe that our available cash, cash equivalents and marketable securities will be sufficient to fund our planned operations through 2027. We entered into an open market sales agreement (â€œSales Agreementâ€) with Jefferies LLC (â€œJefferiesâ€), in 2021 pursuant to which we may from time to time offer and sell shares of our common stock for an aggregate offering price of up to $200.0 million, through or to Jefferies, acting as sales agent or principal. We have agreed to pay Jefferies a commission of up to 3.0% of the aggregate gross proceeds from each sale of shares, reimburse legal fees and disbursements and provide Jefferies with customary indemnification and contribution rights. As of September 30, 2024, no shares have been issued under the Sales Agreement. The shares may be offered and sold under the Companyâ€™s shelf registration statement on Form S-3 and related prospectus filed with the SEC on November 24, 2021, as amended. Future Funding Requirements To date, we have not generated any product revenue. We do not expect to generate any product revenue unless and until we obtain regulatory approval of and commercialize any of our product candidates and we do not know when, or if, this will occur. We expect to continue to incur significant operating expenditures for the foreseeable future as we continue the development of, and seek regulatory approvals for, our product candidates and begin to commercialize any approved products. We are subject to all of the risks typically related to the development of new product candidates, and we may encounter unforeseen expenses, difficulties, complications, delays and other unknown factors that may adversely affect our business. Moreover, we expect to incur additional general and administrative costs as we continue to operate as a public company and expand our organization to support the initiation of activities in preparation for potential commercialization of our product candidates. We will continue to require additional capital to develop our product candidates and fund operations for the foreseeable future. The failure of our COVID-19 Phase 3 SUNRISE-3 clinical trial to meet its primary endpoint may make this capital raising effort more difficult. We may seek to raise capital through public or private equity or debt financings, collaborative arrangements with third parties, or through other sources of financing. The additional capital that we will require will depend upon many factors, including: â€¢the scope, timing, rate of progress and costs of our drug discovery efforts, preclinical development activities, laboratory testing and clinical trials for our product candidates; â€¢the number and scope of clinical programs we decide to pursue; â€¢the cost, timing and outcome of preparing for and undergoing regulatory review of our product candidates; 20 Â â€¢the scope and costs of development and commercial manufacturing activities; â€¢the cost and timing associated with commercializing our product candidates, if they receive marketing approval; â€¢the extent to which we acquire or in-license other product candidates and technologies; â€¢the costs of preparing, filing and prosecuting patent applications, maintaining and enforcing our intellectual property rights and defending intellectual property-related claims; â€¢our ability to establish and maintain collaborations on favorable terms, if at all; â€¢our efforts to enhance operational systems and our ability to attract, hire and retain qualified personnel, including personnel to support the development of our product candidates and, ultimately, the sale of our products, following regulatory approval; â€¢our implementation of operational, financial and management systems; and â€¢the costs associated with being a public company. A change in the outcome of any of these or other variables with respect to the development of any of our product candidates could significantly change the costs and timing associated with the development of one or more of our product candidates. Furthermore, our operating plans may change in the future, and we will continue to require additional capital to meet operational needs and capital requirements associated with such operating plans. If we raise additional funds by issuing equity securities, our stockholders may experience dilution. Any future debt financing that we enter into may impose upon us additional covenants that restrict our operations, including limitations on our ability to incur liens or additional debt, pay dividends, repurchase our common stock, make certain investments or engage in certain merger, consolidation or asset sale transactions. Any debt financing or additional equity that we raise may contain terms that are not favorable to us or our stockholders. Adequate funding may not be available to us on acceptable terms or at all. Our failure to raise capital as and when needed could have a negative impact on our financial condition and our ability to pursue our business strategies. If we are unable to raise additional funds when needed, we may be required to delay, reduce, or terminate some or all of our development programs and clinical trials or we may also be required to sell or license to others rights to our product candidates in certain territories or indications that we would prefer to develop and commercialize ourselves. If we are required to enter into collaborations and other arrangements to supplement our funds, we may have to give up certain rights that limit our ability to develop and commercialize our product candidates or may have other terms that are not favorable to us or our stockholders, which could materially affect our business and financial condition. Market volatility, inflation, interest rate fluctuations, macroeconomic trends and geopolitical events, including civil or political unrest and terrorism, may have a significant impact on the availability of funding sources and the terms on which any funding may be available. See Part II, Item 1A,â€œRisk Factorsâ€ in this Quarterly Report on Form 10-Q for additional risks associated with our substantial capital requirements. Summary Statements of Cash Flows The following table sets forth the primary sources and uses of cash and cash equivalents for each of the periods presented below: Â Â Nine Months EndedSeptember 30, Â Â Â 2024 Â Â 2023 Â Â Â (in thousands) Â Net cash provided by (used in): Â Â Â Â Â Â Operating activities Â $ (105,102) Â $ (63,561) Investing activities Â Â 59,475 Â Â Â 12,532 Â Financing activities Â Â 267 Â Â Â 257 Â Net decrease in cash and cash equivalents Â $ (45,360) Â $ (50,772) Â 21 Â Cash Flows from Operating Activities Net cash used in operating activities for the nine months ended September 30, 2024 was $105.1 million. Cash used in operating activities was primarily due to a net loss of $134.8 million, a decrease in accrued expenses and other current liabilities of $8.4 million and an accretion of premium and discounts on marketable securities of $9.1 million, partially offset by a stock-based compensation expense of $37.5 million, a decrease in prepaid expenses and other current assets of $8.3 million and an increase in accounts payable of $1.5 million. Net cash used in operating activities for the nine months ended September 30, 2023 was $63.6 million. Net cash used in operating activities was primarily due to net loss of $96.8 million, accretion of premium and discounts on marketable securities of $11.1 million and a net decrease in accounts payable of $2.1 million, partially offset by stock-based compensation expense of $37.3 million, a decrease in prepaid expenses of $6.0 million and an increase in accrued expenses of $2.9 million. Cash Flows from Investing Activities Net cash provided by investing activities for the nine months ended September 30, 2024 was $59.5 million and consisted of sales and maturities of marketable securities of $462.1 million offset by purchases of marketable securities of $402.7 million. Cash provided by investing activities for the nine months ended September 30, 2023 was $12.5 million and consisted of sales and maturities of marketable securities of $527.7 million partially offset by purchases of marketable securities of $515.1 million. Cash Flows from Financing Activities Net cash provided by financing activities for the nine months ended September 30, 2024 was $0.3 million and consisted of proceeds from the issuance of our common stock under our Employee Stock Purchase Plan (â€œESPPâ€). Net cash provided by financing activities for the nine months ended September 30, 2023 was $0.3 million and consisted of proceeds from the issuance of our common stock under the ESPP. Contractual Obligations and Commitments There have been no material changes to our contractual obligations during the three and nine months ended September 30, 2024 from those previously disclosed in our Annual Report on Form 10-K for the year ended December 31, 2023. We enter into contracts in the normal course of business with third-party contract organizations including CROs and CMOs for preclinical and clinical studies and testing, manufacture and supply of our preclinical materials and other services and products used for operating purposes. These contracts do not contain any minimum purchase commitments and generally provide for termination following a certain period after notice, and therefore we believe that our non-cancelable obligations under these agreements are not material. Payments due upon cancellation consist only of payments for services provided and expenses incurred up to the date of cancellation. Critical Accounting Policies and Estimates Our unaudited condensed consolidated financial statements have been prepared in accordance with GAAP. The preparation of these financial statements requires us to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements and the reported expenses incurred during the reporting periods. Our estimates are based on our historical experience and on various other factors that we believe are reasonable under the circumstances, the results of which form the basis for making judgments about the carrying value of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions. Our critical accounting policies and estimates are described under the heading â€œManagementâ€™s Discussion and Analysis of Financial Condition and Results of Operationsâ€”Critical Accounting Policies and Estimatesâ€ in Part II, Item 7 of our Annual Report on Form 10-K for the year ended December 31, 2023. We believe that these accounting policies are critical to understanding our historical and future performance, as these policies relate to significant areas involving managementâ€™s judgments and estimates. During the three and nine months ended September 30, 2024, there were no material changes to our critical accounting policies and estimates from those discussed in our Annual Report on Form 10-K for the year ended December 31, 2023. 22 Â Indemnification Agreements We enter into standard indemnification arrangements in the ordinary course of business. Pursuant to these arrangements, we indemnify, hold harmless and agree to reimburse the indemnified parties for losses suffered or incurred by the indemnified party, including in connection with any trade secret, copyright, patent or other intellectual property infringement claim by any third-party with respect to its technology. The term of these indemnification agreements is generally perpetual any time after the execution of the agreement. The maximum potential amount of future payments we could be required to make under these arrangements is not determinable. We have never incurred costs to defend lawsuits or settle claims related to these indemnification agreements. As a result, we believe the fair value of these agreements is minimal. We have also agreed to indemnify our directors and officers for certain events or occurrences while the director or officer is, or was serving, at our request in such capacity. The indemnification period covers all pertinent events and occurrences during the directorâ€™s or officerâ€™s service. The maximum potential amount of future payments we could

be required to make under these indemnification agreements is not specified in the agreements; however, we have director and officer insurance coverage that reduces our exposure and enables us to recover a portion of any future amounts paid. We believe the estimated fair value of these indemnification agreements in excess of applicable insurance coverage is minimal. Item 3. Quantitative and Qualitative Disclosures About Market Risk. Interest Rate Sensitivity The market risk inherent in our financial instruments and in our financial position represents the potential loss arising from adverse changes in interest rates or exchange rates. As of September 30, 2024, we had cash, cash equivalents and marketable securities of $482.8 million, consisting primarily of money market funds, US Treasury obligations, US government agency securities, asset-backed securities, commercial paper and corporate bonds, for which the fair value would be affected by changes in the general level of US interest rates. However, due to the short-term maturities and the low-risk profile of our cash equivalents, an immediate 10% relative change in interest rates would not have a material effect on the fair value of our cash equivalents or on our future interest income. We do not believe that inflation, interest rate changes or foreign currency exchange rate fluctuations have had a material impact on our results of operations for any periods presented herein. Item 4. Controls and Procedures. Limitations on effectiveness of controls and procedures In designing and evaluating our disclosure controls and procedures, management recognizes that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving the desired control objectives. In addition, the design of disclosure controls and procedures must reflect the fact that there are resource constraints and that management is required to apply judgment in evaluating the benefits of possible controls and procedures relative to their costs. Evaluation of disclosure controls and procedures Our management, with the participation of our principal executive officer and principal financial officer, evaluated, as of the end of the period covered by this Quarterly Report on Form 10-Q, the effectiveness of our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the "Exchange Act")). Based on that evaluation, our principal executive officer and principal financial officer concluded that, as of September 30, 2024, our disclosure controls and procedures were effective at the reasonable assurance level. Changes in Internal Control over Financial Reporting There were no changes in our internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act) during the quarter ended September 30, 2024 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting. 23 Â PART IIâ€”OTHER INFORMATION Item 1. Legal Proceedings. We are not subject to any material legal proceedings. Item 1A. Risk Factors. You should carefully consider the risks and uncertainties described below, as well as the other information in this Quarterly Report on Form 10-Q, including our unaudited condensed consolidated financial statements and the related notes and â€œManagementâ€™s Discussion and Analysis of Results of Operations and Financial Condition.â€ Our business, financial condition, results of operations or prospects could be materially and adversely affected if any of these risks occurs, and as a result, the market price of our common stock could decline and you could lose all or part of your investment. Our actual results could differ materially and adversely from those anticipated in these forward-looking statements as a result of certain factors, including those set forth below. Risks Related to Our Financial Condition and Capital Requirements We have a limited operating history and no history of successfully developing or commercializing any approved antiviral products, which may make it difficult to evaluate the success of our business to date and to assess the prospects for our future viability. We are a clinical-stage biopharmaceutical company. Our operations to date have been limited to financing and staffing our company, developing our technology, and identifying and developing our product candidates. Our prospects must be considered in light of the uncertainties, risks, expenses and difficulties frequently encountered by biopharmaceutical companies in their early stages of operations. We have not yet demonstrated an ability to successfully develop, obtain marketing approval, manufacture a product at commercial-scale, or conduct sales and marketing activities necessary for successful product commercialization, or have third parties to do these activities on our behalf. Consequently, predictions about our future success or viability may not be as accurate as they could be if we had a longer operating history or a history of successfully developing, obtaining marketing approval for and commercializing antiviral therapies. In addition, we may encounter unforeseen expenses, difficulties, complications, delays and other known and unknown obstacles in developing or commercializing our products. For example in September 2024, we announced that the SUNRISE-3 Phase 3 clinical trial we conducted to evaluate bemnifosbuvir versus placebo for the treatment of COVID-19 did not meet the primary endpoint of a statistically significant reduction in all cause hospitalization or death through Day 29 in the monotherapy cohort of 2,221 high risk patients with mild to moderate COVID-19. We believe that the unfavorable results from this study were impacted by the constantly evolving variants of COVID-19 and rapidly changing natural history of the disease, which has trended toward a milder disease where it makes it difficult to demonstrate the impact of a direct acting antiviral. This has led us to discontinue efforts to develop bemnifosbuvir for the treatment of COVID-19. If we successfully develop and obtain approval of any product candidate, we will need to transition from a company with a research and development focus to a company capable of supporting commercial activities. We may not be successful in this transition. As we continue to build our business, including beginning and completing late stage clinical trials, we expect our financial condition and operating results may fluctuate significantly from quarter to quarter and year to year due to a variety of factors, many of which are beyond our control. Accordingly, you should not rely upon the results included in this report or reports for any other particular prior quarterly or annual period as indications of future operating performance. We have incurred significant operating expenses since inception and expect to incur significant additional operating expenses for the foreseeable future. We have no products that have generated any commercial revenue. We expect to incur operating losses in 2024 and for the foreseeable future. We have incurred significant operating expenses since our inception. For the nine months ended September 30, 2024 and year ended December 31, 2023, our operating expenses were $153.9 million and $164.2 million, respectively. As of September 30, 2024, we had an accumulated deficit of $330.7 million. We have not commercialized any products and have never generated any revenue from product sales. We have devoted almost all of our financial resources to research and development, including our clinical trials and preclinical development and manufacturing activities. We expect to continue to incur significant additional operating expenses and to incur operating losses for the foreseeable future as we seek to advance product 24 Â candidates through clinical development, continue preclinical development, pursue research and development activities, discover or acquire and develop product candidates, complete preclinical studies and clinical trials, scale up and complete manufacturing and supply chain activities, seek regulatory approval and, if we receive regulatory approval, commercialize our products. In order to obtain the FDAâ€™s or a foreign regulatory authorityâ€™s approval to market any product candidate in the US or abroad, respectively, we must submit to the FDA a New Drug Application (â€œNDAâ€) or similar application to the foreign regulatory authority demonstrating to the FDAâ€™s or foreign regulatory authorityâ€™s satisfaction that the product candidate is safe and effective for its intended use(s). This demonstration requires significant research and extensive data from animal tests, which are referred to as nonclinical or preclinical studies, as well as human tests, which are referred to as clinical trials. Furthermore, the costs of advancing product candidates into each succeeding clinical phase tend to increase substantially over time. For example, as we advanced and completed the enrollment of our COVID-19 Phase 3 SUNRISE-3 clinical trial, our operating expenses increased. We anticipate that operating expenses will also increase in the future if and as we undertake and complete any additional late stage clinical trials, including the planned Phase 3 clinical trials evaluating the combination of bemnifosbuvir and ruzasvir for the treatment of HCV. Because of the numerous risks and uncertainties associated with the development of drug products, we are unable to accurately predict the timing or amount of increased expenses or when, or if, we will be able to begin generating revenue from the commercialization of products or again achieve profitability. Further, we expect we will continue to incur substantial operating expenses if or as we: â€¢continue to discover and develop additional product candidates; â€¢seek regulatory and marketing approvals for product candidates that successfully complete clinical trials, if any; â€¢establish manufacturing and supply chain capacity sufficient to provide commercial quantities of any product candidates for which we may obtain marketing approval, if any; â€¢establish a sales, marketing, internal systems and distribution infrastructure to commercialize any products for which we may obtain regulatory approval, if any, in geographies in which we plan to commercialize our products ourselves or with co-promotion collaborators; â€¢maintain, expand, protect and enforce our intellectual property portfolio; â€¢hire additional staff, including clinical, scientific, technical, regulatory, operational, financial, commercial and support personnel, to execute our business plan and support our product development and potential future commercialization efforts; â€¢more extensively utilize external vendors for support with respect to research, development, manufacturing, commercialization, regulatory, pharmacovigilance and other functions; â€¢acquire or in-license commercial products or additional product candidates and technologies; â€¢make milestone, royalty or other payments under the Merck License Agreement with respect to the development and commercialization of ruzasvir in combination with bemnifosbuvir for the treatment of HCV; â€¢make upfront, milestone, royalty or other payments in connection with any future in-license agreements relating to other product candidates; and â€¢incur continuing and increasing legal, accounting and other expenses in operating our business as a public company. Furthermore, our ability to successfully develop, commercialize and license any products and generate product revenue is subject to substantial additional risks and uncertainties. Each of our product candidates and any future product candidate we may discover, license or otherwise acquire, will require regulatory approval in not less than one jurisdiction, the securing of manufacturing supply, capacity, distribution channels and expertise, the use of external vendors, the building of or other access to a commercial organization, substantial investment and significant marketing efforts before we generate any revenue from product sales. Additionally, all product candidates, will require additional preclinical and clinical development. As a result, we expect to continue to use cash for operating activities and incur operating expenses and operating losses for the foreseeable future. The 25 Â use of cash and incurrence of operating expenses and operating losses has had, and we expect will continue to have, an adverse effect on our working capital. The amount of future expenses or losses and our ability to achieve or maintain profitability in future years, if ever, are uncertain. We have no products that have generated any commercial revenue, do not expect to generate revenues from the commercial sale of products in the near term, and might never generate revenues from the sale of products. Our ability to generate product revenue and maintain profitability will depend on, among other things, successful completion of the clinical development of our product candidates; obtaining necessary regulatory approvals from the FDA and foreign regulatory authorities; establishing manufacturing and sales capabilities; market acceptance of our products, if approved, and establishing marketing infrastructure or otherwise arranging to commercialize our product candidates for which we obtain approval; and raising sufficient funds to finance our activities. We might not succeed at any of these undertakings. If we are unsuccessful at some or all of these undertakings in the future, our business, prospects, and results of operations may be materially adversely affected. We maintain our cash at financial institutions, often in balances that exceed federally insured limits. The majority of our cash is held in accounts at US banking institutions. Cash held in depository accounts may exceed the Federal Deposit Insurance Corporation (â€œFDICâ€) standard deposit insurance limit of $250,000. If such banking institutions were to fail, such as Silicon Valley Bank when the FDIC took control in March 2023, we could lose all or a portion of those amounts held in excess of such insured amounts. In the future, our access to our cash in amounts adequate to finance our operations could be significantly impaired if the financial institutions with which we have arrangements encounter liquidity constraints or failures. Any future limitation on timely access to our funds or any material loss that we may experience in the future could have a material adverse effect on our financial condition and could materially impact our ability to pay our operating expenses or make other payments. We will require substantial additional financing, which may not be available on acceptable terms, or at all. A failure to obtain this necessary capital when needed could force us to delay, limit, reduce or terminate our product development or commercialization efforts. Since inception, we have incurred substantial operating expenses. We expect to incur substantial expenses in connection with our current and planned business activities, particularly the Phase 3 clinical development of the combination of bemnifosbuvir and ruzasvir if the Phase 2 clinical trial that we are conducting of this combination is successful. Additionally, while completed, we will also continue to incur expenses with the wind down and close out of our COVID-19 Phase 3 SUNRISE-3 clinical trial. Also, we anticipate that we will incur substantial expenses in connection with the discovery, license or other acquisition and potential development of other product candidates, and, if we successfully develop one or more product candidates, in connection with the establishment of sales, marketing, internal systems and distribution infrastructure to commercialize any products for which we may obtain regulatory approval. We will continue to need additional capital to fund these activities, which we may raise through equity offerings, debt financings, marketing and distribution arrangements and other collaborations, strategic alliances and licensing arrangements or other sources. Additional sources of financing might not be available on favorable terms, if at all. If we do not succeed in raising additional funds on acceptable terms, we might be unable to initiate or complete planned clinical trials or seek regulatory approvals of any of our product candidates from the FDA, or any foreign regulatory authorities, and could be forced to discontinue product development. In addition, attempting to secure additional financing could divert the time and attention of our management from day-to-day activities and may harm our product candidate development efforts. The timing and amount of our future capital requirements will depend on many factors, including but not limited to: â€¢the scope, progress, results and costs of our preclinical studies and clinical trials, in particular our current Phase 2 and any potential Phase 3 clinical development of the combination of bemnifosbuvir and ruzasvir for the treatment of HCV; â€¢the timing of and costs associated with discovery, license or acquisition of a protease inhibitor for the treatment of respiratory or other diseases resulting from infection with single stranded RNA viruses; â€¢the timing of, and the costs involved in, obtaining marketing approvals for our current and future product candidates in regions where we choose to commercialize any products; â€¢the number of future product candidates and potential additional indications that we may pursue and their development requirements; 26 Â â€¢the stability, scale, yield and cost of manufacturing our product candidates for clinical trials, in preparation for regulatory approval and in preparation for commercialization; â€¢the costs of manufacturing and commercialization activities for any approved product candidate to the extent such costs are not the responsibility of any future collaborators, including the costs and timing of manufacturing commercial supply at a scale to meet demand and the costs and timing of establishing capabilities for and conducting product sales, marketing, distribution activities; â€¢revenue, if any, received from commercial sales of our product candidates, should any of our product candidates receive marketing approval; â€¢the costs, timing and changes in pharmaceutical pricing and reimbursement infrastructure resulting from, among other things, the enactment of the Inflation Reduction Act (â€œIRAâ€) and other legislation and regulations that may be subsequently enacted; â€¢our ability to compete with other therapies in the indications we target; â€¢the extent to which we in-license or acquire rights to products, product candidates or technologies in addition to ruzasvir; â€¢growth of our headcount and associated costs if and as we establish a commercial infrastructure; â€¢the costs of preparing, filing and prosecuting patent applications and maintaining and protecting our intellectual property rights, including enforcing and defending intellectual property-related claims; and â€¢the continued costs of operating as a public company. Currently, we do not have any committed external source of funds or other support and we cannot be certain that additional funding will be available on acceptable terms, or at all. Our ability to access potential sources of future liquidity and raise funds will depend upon financial, economic and geopolitical conditions and other factors, many of which are beyond our control. These external factors, including rates of interest and inflation, will also impact and may increase substantially costs we incur in connection with any potential fundraising. If we are unable to raise additional capital in sufficient amounts, on terms acceptable to us, or on a timely basis, we may have to significantly delay, scale back or discontinue the development or commercialization of our product candidates or other research and development initiatives. We have not generated any revenue from product sales and may not be able to achieve profitability. We incurred a net loss of $134.8 million for the nine months ended September 30, 2024. Our ability to achieve and sustain future profitability depends upon our ability to generate revenue from product sales. We have not generated product revenue and we do not expect to generate product revenue unless or until we successfully complete clinical development and obtain regulatory approval of, and then successfully commercialize, at least one of our product candidates. Our product candidates are in varying stages of development, which is expected to necessitate additional preclinical and clinical development in some cases and in all cases will require regulatory review and approval, substantial investment in and access to sufficient commercial manufacturing capacity and significant marketing efforts before we can generate any revenue from product sales. Currently, we do not anticipate generating revenue from product sales for at least the next few years. Our ability to generate revenue depends on a number of factors, including, but not limited to: â€¢timely completion of our clinical trials, including the ongoing Phase 2 clinical trial and any subsequent Phase 3 clinical trial evaluating the combination of bemnifosbuvir and ruzasvir for the treatment of HCV, as well as our preclinical studies and other future clinical trials of other product candidates, each of which may be significantly slower or more costly than we currently anticipate and will depend substantially upon the performance of third-party contractors; â€¢our ability to complete additional investigational drug application (â€œINDâ€) enabling studies and successfully submit INDs, clinical trial application (â€œCTAsâ€) or comparable applications to allow us to initiate clinical trials for any other product candidates; â€¢whether we are required by the FDA or similar foreign regulatory authorities to conduct additional clinical trials or other studies beyond those planned to support the approval and commercialization of our product candidates or any future product candidates; â€¢our ability to demonstrate to the satisfaction of the FDA or similar foreign regulatory authorities the safety and efficacy of our product candidates or any future product candidates; 27 Â â€¢the prevalence, duration and severity of potential side effects or other safety issues experienced with our product candidates or future product candidates, if any; â€¢the timely receipt of necessary marketing approvals from the FDA or similar foreign regulatory authorities; â€¢the availability,

actual and perceived advantages and relative cost, convenience, safety and efficacy of our HCV product candidate or other product candidates we may be able to commercialize, compared to other commercially available therapies for the targeted indications, as well as the accuracy and sufficiency of clinical evidence supporting any such advantages of our product candidates; â€¢the willingness of physicians, operators of clinics and patients to conduct or participate in clinical trials evaluating our product candidates and, if successfully developed, to utilize or adopt any of our product candidates or future product candidates that may be approved as antiviral therapies; â€¢our ability and the ability of third parties with whom we contract to manufacture adequate clinical and commercial supplies of our current or future product candidates, remain in good standing with regulatory authorities and develop, validate and maintain commercially viable manufacturing processes that are compliant with current good manufacturing practices (â€œcGMPâ€) or similar requirements outside the US; â€¢our ability to successfully establish a commercial strategy and thereafter commercialize our current or future product candidates, in the US and internationally, if approved for marketing, reimbursement, sale and distribution in such countries and territories, whether alone or in collaboration with others; and â€¢our ability to establish, maintain, protect and enforce intellectual property rights in and to our product candidates or any future product candidates. Many of the factors listed above are beyond our control, and could cause us to experience significant delays, incur substantially greater expenses than anticipated or prevent us from obtaining regulatory approvals or commercializing our product candidates. Even if we are able to commercialize our product candidates, we may not be able to achieve and maintain profitability after generating product sales or meet outside expectations for our profitability. If we are unable to achieve or sustain profitability or to meet outside expectations for our profitability, the value of our common stock will be materially adversely affected. In addition, if we are unable to generate sufficient revenue through the sale of any products, we may be unable to continue operations. Our ability to use our net operating loss carryforwards and other tax attributes to offset taxable income may be subject to certain limitations. As of December 31, 2023, we had US federal net operating loss carryforwards (â€œNOLsâ€), of $31.4 million, which may be available to offset future taxable income, if any, of which $0.4 million begin to expire in 2034 and of which $31.0 million do not expire but are limited in their usage in future tax years to an annual deduction equal to 80% of annual taxable income. In addition, as of December 31, 2023, we had state NOLs of $55.3 million, which may be available to offset future taxable income, if any, and begin to expire in 2042. In general, under Sections 382 and 383 of the Internal Revenue Code of 1986, as amended (â€œCodeâ€), a corporation that undergoes an â€œownership change,â€ which is generally defined as a greater than 50% change by value in its equity ownership over a three-year period, is subject to limitations on its ability to utilize its pre-change NOLs and its research and development credit carryforwards to offset future taxable income. Our NOLs and research and development credit carryforwards may be subject to limitations arising from previous ownership changes, and if we undergo an ownership change, our ability to utilize NOLs (to the extent not previously utilized) and research and development credit carryforwards could be further limited by Sections 382 and 383 of the Code. For each of the years ended December 31, 2023 and 2022, we have completed a Section 382 study, the results of which indicated that no ownership shift occurred during such respective period. However, this conclusion could be challenged by tax authorities. In addition, future changes in our stock ownership, some of which might be beyond our control, could result in an ownership change under Sections 382 and 383 of the Code. For these reasons, we may not be able to utilize existing NOLs or research and development credit carryforwards or net operating losses and research and development credits that may be generated in the future. We may delay, suspend or terminate the development of a product candidate at any time if we believe the perceived market or commercial opportunity does not justify further investment or for other strategic 28 Â business, financial or other reasons, which could materially harm our business and adversely affect our stock price. Even if the results of preclinical studies and clinical trials that we have conducted or may conduct in the future may support further development of one or more of our product candidates, we may delay, suspend or terminate the future development of a product candidate at any time for strategic, business, financial or other reasons, including the determination or belief that the emerging profile of the product candidate is such that it may not receive regulatory approvals in key markets, gain meaningful market acceptance, otherwise provide any competitive advantages in its intended indication or market or generate a significant return to stockholders. For example, in February 2023, after advancing AT-752 into a Phase 2 clinical trial, we decided not to pursue further clinical development of AT-752 for the treatment and prophylaxis of dengue. This action was taken due to the anticipated long timelines and other challenges associated with the clinical development of an antiviral for the treatment of dengue. This action and any other similar delays, suspensions or terminations of other clinical programs or product candidates could materially harm our business, results of operations or financial condition. Risks Related to the Discovery, Development, Preclinical and Clinical Testing, Manufacturing and Regulatory Approval of Our Product Candidates Our business is highly dependent on the success of our most advanced product candidate, the combination of bemnifosbuvir and ruzasvir for the treatment of HCV, which will require significant additional clinical testing, including successful Phase 3 clinical testing, before we can seek regulatory approval and potentially launch commercial sales. If this product candidate fails in clinical development, does not receive regulatory approval or is not successfully commercialized, or are significantly delayed in doing so, our business will be harmed. A substantial portion of our business and future success depends on our ability to develop, obtain regulatory approval for and successfully commercialize the combination of bemnifosbuvir and ruzasvir for the treatment of HCV. We currently have no products that are approved for commercial sale and have not successfully completed the development of any of our product candidates, and we may never be able to develop marketable products. During the near term we expect that a substantial portion of our efforts and expenditures will be devoted to developing the combination of bemnifosbuvir and ruzasvir for the treatment of HCV which will require additional clinical development, management of clinical, medical affairs and manufacturing activities, obtaining regulatory approvals in multiple jurisdictions, securing of manufacturing supply, building of or otherwise accessing a commercial organization, substantial investment and significant marketing efforts. We cannot be certain that our HCV product candidate or any future product candidates will be successful in clinical trials, receive regulatory approval or be successfully commercialized even if we receive regulatory approval. Further, our development of any product candidate may be delayed or suspended, which may affect our ability to successfully commercialize such product candidate. Additionally, our ability to successfully commercialize a product will also be dependent upon our ability to timely manufacture at commercial scale the quantities of product that will satisfy market demand. Even if we receive approval to market our HCV product candidate or any other product candidate, we cannot be certain that such product candidate will be as or more effective than commercially available alternatives successfully commercialized or widely accepted in the marketplace. There are currently approved and well established oral antiviral HCV products against which we would be required to compete. We cannot be certain that, if approved, the safety and efficacy profile of the combination of bemnifosbuvir and ruzasvir will be consistent with the results observed in clinical trials. If we are not successful in the clinical development of the combination of bemnifosbuvir and ruzasvir for the treatment of HCV, if the required regulatory approvals for this product candidate are not obtained, if there are significant delays in the development or approval of this product candidate or in supplying commercial quantities of any approved products on an uninterrupted basis, or if we are otherwise not commercially successful, our business, financial condition and results of operations may be materially harmed. The regulatory approval processes of the FDA and comparable foreign regulatory authorities are lengthy, expensive, time-consuming, and inherently unpredictable. If we are ultimately unable to obtain regulatory approval for our product candidates, we will be unable to generate product revenue and our business will be seriously harmed. We are not permitted to commercialize, market, promote or sell any product candidate in the US without obtaining marketing approval from the FDA. Foreign regulatory authorities impose similar requirements. The time required 29 Â to obtain approval by the FDA and comparable foreign regulatory authorities is unpredictable, typically takes many years following the commencement of clinical trials and depends upon numerous factors, including the type, complexity and novelty of the product candidates involved and the disease or condition for which the product candidate is intended. In addition, approval policies, regulations or the type and amount of clinical data necessary to gain approval may change during the course of a product candidateâ€™s clinical development, and may vary among jurisdictions, which may cause delays in the approval or the decision not to approve an application. Regulatory authorities have substantial discretion in the approval process and may refuse to accept any application or may decide that our data are insufficient for approval and require additional preclinical, clinical or other studies. Approval by any one regulatory authority does not ensure approval by any other regulatory authority. We have not submitted an NDA for, or obtained regulatory approval of, any product candidate. We must complete additional clinical development in each case and in some cases additional preclinical or nonclinical development to demonstrate the safety and efficacy of our product candidates in humans to the satisfaction of the regulatory authorities before we will be able to obtain these approvals, and it is possible that none of our existing product candidates or any product candidates we may seek to develop in the future will ever obtain regulatory approval. Applications for our product candidates could fail to receive regulatory approval for many reasons, including but not limited to the following: â€¢the FDA or comparable foreign regulatory authorities may disagree with the design, implementation or interpretation of results of our clinical trials; â€¢the FDA or comparable foreign regulatory authorities may determine that our product candidates are not safe and effective, only moderately effective or have undesirable or unintended side effects, toxicities or other characteristics that preclude our obtaining marketing approval or prevent or limit commercial use of our products; â€¢the population studied in the clinical program may not be sufficiently broad or representative to assure efficacy and safety in the full population for which we seek approval; â€¢we may be unable to demonstrate to the FDA or comparable foreign regulatory authorities that a product candidateâ€™s clinical and other benefits outweigh its safety risks; â€¢the data collected from clinical trials of our product candidates may not be sufficient to support the submission of an NDA or other submission or to obtain regulatory approval in the US or elsewhere; â€¢the FDA or comparable foreign regulatory authorities may fail to approve the manufacturing processes, test procedures and specifications, or facilities of third-party manufacturers with which we contract for clinical and commercial supplies; and â€¢the approval policies or regulations of the FDA or comparable foreign regulatory authorities may significantly change in a manner rendering our clinical data insufficient for approval. For example, in September 2024 when the SUNRISE-3 clinical trial failed to meet the primary endpoint, we determined that the data collected from this clinical trial would not be sufficient to support the submission of an NDA or other submission for regulatory approval and therefore would not undertake further regulatory interaction with respect to that development program. The lengthy regulatory process, as well as the unpredictability of the results of clinical trials, may result in our failing to obtain regulatory approval to market any of our product candidates, which may seriously harm our business. In addition, even if we were to obtain approval, regulatory authorities may approve any of our product candidates for fewer or more limited indications than we request, may impose significant limitations in the form of narrow indications, warnings, or a Risk Evaluation and Mitigation Strategy (â€œREMSâ€) or similar risk management measures. Regulatory authorities may not approve the price we intend to charge for products we may develop, may grant approval contingent on the performance of costly post-marketing clinical trials, or may approve a product candidate with a label that does not include the labeling claims necessary or desirable for the successful commercialization of that product candidate. Any of the foregoing scenarios could seriously harm our business. 30 Â Clinical development, including enrollment of patients in clinical trials, is an expensive, lengthy and uncertain process. We may encounter substantial delays and costs in our clinical trials, or may not be able to conduct or complete our clinical trials on the timelines we expect, if at all. Before obtaining marketing approval from the FDA or other comparable foreign regulatory authorities for the sale of our product candidates, we must complete preclinical development and extensive clinical trials to demonstrate the safety and efficacy of our product candidates. Clinical testing is expensive, time-consuming and subject to uncertainty. A failure of one or more clinical trials can occur at any stage of the process, such as the failure in September 2024 of bemnifosbuvir to meet the primary endpoint in the COVID-19 Phase 3 SUNRISE-3 clinical trial. The outcome of preclinical studies and early-stage clinical trials may not be predictive of the success of later clinical trials. Moreover, preclinical and clinical data, particularly the analysis of exploratory endpoints and analysis of data derived from patient subgroups, such as the data from the lead-in cohort in our HCV Phase 2 clinical trial of the combination of bemnifosbuvir and ruzasvir, are often susceptible to varying interpretations, and many companies that have believed their product candidates performed satisfactorily in preclinical studies and varying stages of clinical trials have nonetheless failed to obtain marketing approval of their drugs. To date, we have not successfully concluded any late-stage or pivotal clinical trials for any of our product candidates. We cannot guarantee that any of our planned or ongoing clinical trials will be initiated or conducted as planned or completed on schedule, if at all. We also cannot be sure that submission of any future IND or similar application will result in the FDA or other regulatory authority, as applicable, allowing future clinical trials to begin in a timely manner, if at all. Moreover, even if these trials begin, issues may arise that could cause regulatory authorities to suspend or terminate such clinical trials. Events that may prevent successful or timely initiation or completion of clinical trials include but are not limited to: â€¢inability to generate sufficient preclinical, toxicology, or other in vivo or in vitro data to support the initiation or continuation of clinical trials; â€¢delays in reaching a consensus with regulatory authorities on study design or implementation of the clinical trials; â€¢delays or failure in obtaining regulatory allowance to commence or amend a clinical trial; â€¢delays in reaching agreement on acceptable terms with prospective CROs and clinical trial sites, the terms of which can be subject to extensive negotiation and may vary significantly among CROs and clinical trial sites; â€¢delays in identifying, recruiting and training suitable clinical investigators; â€¢delays in obtaining required institutional review board (â€œIRBâ€) or ethics committee approval or positive opinion at each clinical trial site; â€¢delays in recruiting, screening and enrolling a suitable number and diversity of patients to participate in our clinical trials; â€¢subjects enrolled in our clinical trials or clinical sites deviating from the clinical trial protocol or dropping out of a trial; â€¢delays in manufacturing, testing, releasing, validating or importing/exporting sufficient stable quantities of our product candidates for use in clinical trials or the inability to do any of the foregoing; â€¢insufficient or inadequate supply or quality of product candidates or other materials necessary for use in clinical trials, or delays in sufficiently developing, characterizing or controlling a manufacturing process suitable for clinical trials; â€¢imposition of a temporary or permanent clinical hold by regulatory authorities for a number of reasons, including after review of an IND or amendment or equivalent foreign application or amendment; as a result of a new safety finding that presents unreasonable risk to clinical trial participants; or a negative finding from an inspection of our clinical trial operations or study sites; â€¢developments on trials conducted by competitors for related technology that raises FDA or foreign regulatory authority concerns about risk to patients of the technology broadly; 31 Â â€¢developments during the course of a clinical trial that cause the FDA, a foreign regulatory authority or the clinical trial DSMB to find that the investigational protocol or plan is clearly deficient to meet its stated objectives; â€¢difficulty collaborating with patient groups and investigators; â€¢failure by our CROs, other third parties or us to adhere to clinical trial protocols; failure to perform in accordance with the FDAâ€™s or any other regulatory authorityâ€™s good clinical practices (â€œGCPsâ€), or applicable regulatory guidelines in other countries; â€¢occurrence of adverse events associated with the product candidate that are viewed to outweigh its potential benefits, or occurrence of adverse events in trial of the same class of agents conducted by other companies; â€¢changes to the clinical trial protocols; â€¢delays caused by patients withdrawing from clinical trials or failing to return for post-treatment follow-up; â€¢changes in regulatory requirements and guidance that require amending or submitting new clinical protocols or otherwise impact the conduct of the clinical trial; â€¢changes in the standard of care or rate of event occurrence upon which a clinical development plan was based, which may require discontinuation of current trials or new or additional trials; â€¢selection of clinical endpoints that require prolonged periods of observation or analyses of resulting data; â€¢the cost of clinical trials of our product candidates being greater than we anticipate; â€¢clinical trials of our product candidates producing negative or inconclusive results, which may result in our deciding, or regulators requiring us, to conduct additional clinical trials or abandon development of such product candidates; â€¢transfer of manufacturing processes to larger-scale facilities operated by a CMO and delays or failure by our CMOs or us to make any necessary changes to such manufacturing process; and â€¢third parties being unwilling or unable to satisfy their contractual obligations to us. Any inability to successfully complete our Phase 2 clinical trial and initiate a Phase 3 clinical trial evaluating the combination of bemnifosbuvir and ruzasvir for the treatment of HCV or the completion of any other planned clinical trials we may initiate could result in additional costs to us or impair our ability to seek approval for our product candidates and ultimately generate revenue from product sales. In addition, if we make manufacturing or formulation changes to our product candidates, we may be required to or we may elect to conduct additional studies to bridge our modified product candidates to earlier versions. Clinical trial delays could also shorten any periods during which any approved products have patent protection and may allow our competitors to further strengthen the market position of their current products or bring new products to market before we do, which could impair our ability to successfully commercialize our product candidates and may seriously harm our business. We could also encounter delays if a clinical trial is suspended or terminated by us, by the DSMB for such trial, or by the FDA or any other regulatory authority, or if the IRBs of the institutions at which such trials are being conducted suspend or terminate the participation of their clinical investigators and sites subject to their review. Such authorities may suspend or terminate a clinical trial due to a number of factors, including failure to conduct the clinical trial in accordance with regulatory requirements or our clinical protocols, inspection of the clinical trial operations or trial site by the FDA or other regulatory authorities resulting in the imposition of a clinical hold, unforeseen safety issues or adverse side effects, failure to demonstrate a benefit from using a product candidate, changes in governmental regulations or administrative actions or lack of adequate funding to continue the clinical trial. Further,

conducting clinical trials in foreign countries, as we are currently doing and otherwise expect to continue doing for other product candidates, presents additional risks that may delay completion of our clinical trials. These risks include the failure of enrolled patients in foreign countries to adhere to clinical protocol as a result of differences in healthcare services or cultural customs, managing additional administrative burdens associated with foreign regulatory schemes, as well as political and economic risks relevant to such foreign countries. 32 Â Moreover, principal investigators for our clinical trials may serve as scientific advisors or consultants to us from time to time and receive compensation in connection with such services. Under certain circumstances, we may be required to report some of these relationships to the FDA or comparable foreign regulatory authorities. The FDA or comparable foreign regulatory authority may conclude that a financial relationship between us and a principal investigator has created a conflict of interest or otherwise affected interpretation of the study. The FDA or comparable foreign regulatory authority may therefore question the integrity of the data generated at the applicable clinical trial site and the utility of the clinical trial itself may be jeopardized. This could result in a delay in approval, or rejection, of our marketing applications by the FDA or comparable foreign regulatory authority, as the case may be, and may ultimately lead to the denial of marketing approval of one or more of our product candidates. Delays in the completion of any clinical trial of our product candidates will increase our costs, slow down our product candidate development and approval process and delay or potentially jeopardize our ability to commence product sales and generate product revenue. In addition, many of the factors that cause, or lead to, a delay in the commencement or completion of clinical trials may also ultimately lead to the denial of regulatory approval of our product candidates. Any delays to our clinical trials that occur as a result could shorten any period during which we may have the exclusive right to commercialize our product candidates and our competitors may be able to further strengthen the market position of their current products or bring new or additional products to market before we do, which could significantly reduce the commercial viability of our product candidates. Any of these occurrences may harm our business, financial condition and prospects significantly. In addition, the FDAâ€™s and other regulatory authoritiesâ€™ policies with respect to clinical trials may change and additional government regulations may be enacted. For instance, the regulatory landscape related to clinical trials in the EU recently evolved. The EU CTR which was adopted in April 2014 and repeals the EU Clinical Trials Directive (â€œClinical Trial Directiveâ€), became applicable on January 31, 2022. While the EU Clinical Trials Directive required a separate CTA to be submitted in each member state in which the clinical trial takes place, to both the competent national health authority and an independent ethics committee, the CTR introduces a centralized process and only requires the submission of a single application for multi-center trials. The CTR allows sponsors to make a single submission to both the competent authority and an ethics committee in each member state, leading to a single decision per member state. The assessment procedure of the CTA has been harmonized as well, including a joint assessment by all member states concerned, and a separate assessment by each member state with respect to specific requirements related to its own territory, including ethics rules. Each member stateâ€™s decision is communicated to the sponsor via the centralized EU portal. Once the CTA is approved, clinical study development may proceed. The CTR foresees a three-year transition period. The extent to which ongoing and new clinical trials will be governed by the CTR varies. Clinical trials for which an application was submitted (i) prior to January 31, 2022 under the EU Clinical Trials Directive, or (ii) between January 31, 2022 and January 31, 2023 and for which the sponsor has opted for the application of the EU Clinical Trials Directive remain governed by said Directive until January 31, 2025. After this date, all clinical trials (including those which are ongoing) will become subject to the provisions of the CTR. Our experience with submissions under the CTR is limited. Compliance with the CTR requirements by us and our third-party service providers, such as CROs, may impact our developments plans. It is currently unclear to what extent the UK will seek to align its regulations with the EU. While the MHRA has confirmed that it will bring forward changes to the legislation post-Brexit, the final legislation has not yet been introduced by the UK Government and it therefore remains uncertain as to the extent to which the UK clinical trials framework will align with or diverge from the EU CTR. A decision by the UK not to closely align its regulations with the new approach that has been adopted in the EU may have an effect on the cost of conducting clinical trials in the UK as opposed to other countries. If we are slow or unable to adapt to changes in existing requirements or the adoption of new requirements or policies governing clinical trials, our development plans may also be impacted. We are developing certain of our product candidates in combination with other therapies, which exposes us to additional risks. Combination therapies are commonly used for the treatment of viral infections. Developing combination therapies exposes us to additional clinical risks, such as the requirement that we demonstrate the safety and efficacy of each active component of any combination regimen we may develop. For the treatment of HCV, we are currently developing bemnifosbuvir in combination with ruzasvir, a product candidate that has not yet been approved for marketing by the FDA or similar foreign regulatory authorities. 33 Â If the FDA or similar foreign regulatory authorities do not approve the combination agents or revoke their approval thereof, or if safety, efficacy, manufacturing, or supply issues arise with the drugs we choose to evaluate in combination with our product candidates, we may be unable to obtain approval of or market our product candidates for combination therapy regimens. Additionally, if the third-party manufacturers of therapies or therapies in development used in combination with our product candidates are unable to produce sufficient quantities for clinical trials or for commercialization of our product candidates, or if the cost of combination therapies are prohibitive, our development and commercialization efforts would be impaired, which would have an adverse effect on our business, financial condition, results of operations and growth prospects. Our product candidates may be associated with serious adverse events, undesirable side effects or have other properties that could halt their clinical development, prevent their regulatory approval, limit their commercial potential or result in significant negative consequences. Adverse events or other undesirable side effects caused by our product candidates could cause us, our collaborators, any DSMB for a trial, or regulatory authorities to interrupt, delay or halt clinical trials and could result in a more restrictive label or the delay or denial of regulatory approval by the FDA or other comparable foreign regulatory authorities. During the conduct of clinical trials, patients report changes in their health, including illnesses, injuries, and discomforts, to their study doctor. Often, it is not possible to determine whether or not the product candidate being studied caused these conditions. It is possible that as we test our product candidates in larger, longer and more extensive clinical trials, or as use of these product candidates becomes more widespread if they receive regulatory approval, illnesses, injuries, discomforts and other adverse events that were observed in previous trials, as well as conditions that did not occur or went undetected in previous trials, will be reported by patients. Many times, side effects are only detectable after investigational products are tested in large-scale clinical trials or, in some cases, after they are made available to patients on a commercial scale following approval. If any serious adverse events occur, clinical trials or commercial distribution of any product candidates or products we develop could be suspended or terminated, and our business could be seriously harmed. Treatment-related side effects could also affect patient recruitment and the ability of enrolled patients to complete the trial or result in potential liability claims. Regulatory authorities could order us to cease further development of, deny approval of, or require us to cease selling any product candidates or products for any or all targeted indications. If we are required to delay, suspend or terminate any clinical trial or commercialization efforts, the commercial prospects of such product candidates or products may be harmed, and our ability to generate product revenues from them or other product candidates that we develop may be delayed or eliminated. Additionally, if one or more of our product candidates receives marketing approval and we or others later identify undesirable side effects or adverse events caused by such products, a number of potentially significant negative consequences could result, including but not limited to: â€¢regulatory authorities may suspend, limit or withdraw approvals of such product, or seek an injunction against its manufacture or distribution; â€¢regulatory authorities may require additional warnings on the label, including â€œboxedâ€ warnings, or issue safety alerts, Dear Healthcare Provider letters, press releases or other communications containing warnings or other safety information about the product; â€¢we may be required to change the way the product is administered or conduct additional clinical trials or post-approval studies; â€¢we may be required to create a REMS or similar risk management measures which could include a medication guide outlining the risks of such side effects for distribution to patients; â€¢we may be subject to fines, injunctions or the imposition of criminal penalties; â€¢we could be sued and held liable for harm caused to patients; and â€¢our reputation may suffer. Any of these events could prevent us from achieving or maintaining market acceptance of the particular product candidate, if approved, and could seriously harm our business, financial condition and results of operations. 34 Â If we encounter difficulties enrolling and retaining enrolled patients in our clinical trials and having patients comply with the clinical trial protocol, our clinical development activities could be delayed or otherwise adversely affected. We may experience difficulties in patient enrollment in our clinical trials for a variety of reasons. The timely completion of clinical trials in accordance with their protocols depends, among other things, on our ability to enroll a sufficient number of patients who remain adherent to the protocol and in the trial until its conclusion. A delay in the completion of the study would also delay our ability to seek regulatory approval to commercialize the product candidate which is being evaluated in the clinical trial. Enrollment of patients depends on many factors, including but not limited to: â€¢the patient eligibility criteria defined in the protocol; â€¢the size of the target disease population and rates of diagnostic testing among the target disease population; â€¢the size of the patient population required for analysis of the trialâ€™s primary endpoints; â€¢the proximity of patients to trial sites; â€¢the design of the trial; â€¢our ability to recruit clinical trial investigators with the appropriate competencies and experience; â€¢cliniciansâ€™ and patientsâ€™ perceptions as to the potential advantages of the product candidate being studied in relation to other available therapies, including any products that may be approved for the indications we are investigating; â€¢our ability to obtain and maintain patient consents; â€¢the risk that patients enrolled in clinical trials will drop out of the trials before trial completion; â€¢the risk that patients enrolled in the clinical trial will fail to adhere to the protocol; and â€¢other factors outside of our control, such as the occurrence of a global health crisis similar to COVID-19 which, among other things, created substantial burdens on healthcare providers who were required to prioritize immediate critical patient care over clinical research, political unrest, war and terrorism. In addition, our clinical trials may compete with other clinical trials sponsored by third parties, including potential competitors, that are in the same or substantially similar therapeutic areas as our product candidates, and this competition may reduce the number and types of patients available to us because some patients who might have opted to enroll in our trials may instead opt to enroll in a trial being conducted by one of our competitors. Since the number of qualified clinical investigators is limited, it is possible that we will conduct some of our clinical trials at the same clinical trial sites that some of our competitors use, which will reduce the number of patients who are available for our clinical trials at such clinical trial sites. Delays in patient enrollment may result in increased costs or may affect the timing or outcome of our ongoing and planned clinical trials, which could prevent completion or commencement of these trials and adversely affect our ability to advance the development of our product candidates. Patients failing to adhere to the protocol, whether as a result of failing to take the drug as directed or otherwise, may adversely impact the clinical trial results if the lack of adherence or other failure to follow the protocol contributes to or results in the patient failing to meet the clinical trial primary endpoint. A Fast Track designation by the FDA may not lead to a faster development or regulatory review or approval process, and does not increase the likelihood that our product candidates will receive marketing approval. If a product candidate is intended for the treatment of a serious or life-threatening condition and the product candidate demonstrates the potential to address unmet medical needs for such condition, the product candidate sponsor may apply for Fast Track designation. For example, in April 2023, the FDA granted Fast Track designation for the investigation of bemnifosbuvir for the treatment of COVID-19. The sponsor of a product candidate that has received Fast Track designation may have opportunities for more frequent interactions with the FDA review team during product development and, once a NDA is submitted, the NDA may be eligible for priority review. An NDA for a Fast Track designated product candidate may also be eligible for rolling review, where the FDA may consider review of sections of the NDA on a rolling basis before the complete NDA is submitted. 35 Â The FDA has broad discretion whether or not to grant Fast Track designation to any particular product candidate. As a result, we may seek such Fast Track designation for other product candidates, but cannot assure you that the FDA would decide to grant it. Even if a Fast Track designation has been received, the sponsor may not experience a faster development process, review or approval compared to conventional FDA procedures. The FDA may withdraw Fast Track designation if it believes that the designation is no longer supported by data from our clinical development program. Many product candidates that have received Fast Track designation have nevertheless failed to obtain approval. We currently conduct clinical trials, and may in the future choose to conduct additional clinical trials, of our product candidates in sites outside the US, and the FDA may not accept data from trials conducted in foreign locations. We currently conduct, and expect in the future to conduct, clinical trials outside the US for our product candidates. The acceptance of study data from clinical trials conducted outside the US or another jurisdiction by the FDA or comparable foreign regulatory authorities may be subject to certain conditions or may not be accepted at all. In cases where data from foreign clinical trials are intended to serve as the sole basis for marketing approval in the US, the FDA will generally not approve the application on the basis of foreign data alone unless (i) the data are applicable to the US population and US medical practice; (ii) the trials were performed by clinical investigators of recognized competence and pursuant to GCP regulations; and (iii) the data may be considered valid without the need for an on-site inspection by the FDA, or if the FDA considers such inspection to be necessary, the FDA is able to validate the data through an on-site inspection or other appropriate means. In addition, even where the foreign study data are not intended to serve as the sole basis for approval, if the study was not otherwise subject to an IND, the FDA will not accept the data as support for an application for marketing approval unless the study was conducted in accordance with GCP requirements and the FDA is able to validate the data from the study through an onsite inspection if deemed necessary. Many foreign regulatory authorities have similar approval requirements. In addition, such foreign trials would be subject to the applicable local laws of the foreign jurisdictions where the trials are conducted. There can be no assurance that the FDA or any comparable foreign regulatory authority will accept data from trials conducted outside of the US or the applicable jurisdiction. If the FDA or any comparable foreign regulatory authority does not accept such data, it would result in the need for additional trials, which could be costly and time-consuming, and which may result in current or future product candidates that we may develop not receiving approval for commercialization in the applicable jurisdiction. In addition, there are risks inherent in conducting clinical trials in multiple jurisdictions, inside and outside of the US, such as: â€¢regulatory and administrative requirements of the jurisdiction where the trial is conducted that could burden or limit our ability to conduct our clinical trials; â€¢foreign exchange fluctuations; â€¢manufacturing, customs, shipment and storage requirements for clinical trial materials and supplies as well as shipment and storage of biological samples; â€¢cultural differences in medical practice and clinical research; and â€¢the risk that the patient populations in such trials are not considered representative as compared to the patient population in the target markets where approval is being sought. Interim, â€œtoplineâ€ and preliminary data from our clinical trials that we announce or publish from time to time may change as more patient data become available and are subject to audit and verification procedures that could result in material changes in the final data. From time to time, we may publicly disclose preliminary or top-line data from our preclinical studies and clinical trials, which is based on a preliminary analysis of then-available data. For example, in January and February 2024, and more recently in June 2024, we announced preliminary, then-available data from the 60 patients lead-in cohort in our Phase 2 clinical trial evaluating the combination of bemnifosbuvir and ruzasvir for the treatment of HCV. Similar to all preliminary and then-available data, these results and related findings and conclusions are subject to change as additional data becomes available or following a more comprehensive review of the data related to the particular study or trial. We also make assumptions, estimations, calculations and conclusions as part of our analyses of data, and we may not have received or had the opportunity to fully and carefully evaluate all data. Consequently, the top-line or preliminary data that we report may differ from final results reported from the same studies, or different conclusions or considerations may qualify such preliminary or topline data, once additional data have been received and fully evaluated. Top-line and preliminary data also remain subject to audit 36 Â and verification procedures that may result in the final results being materially different from the preliminary or topline data we previously published. As a result, top-line and preliminary data should be viewed with caution until the final data are available. From time to time, we may also disclose interim data from our preclinical studies and clinical trials. Interim data from clinical trials that we may subsequently complete are subject to the risk that one or more of the clinical outcomes may materially change as patient enrollment continues and more patient data become available or as patients from our clinical trials continue other treatments for their disease. Adverse differences between preliminary or interim data and final results could significantly harm our business prospects. Further, disclosure of interim data by us or by our competitors could result in volatility in the price of our common stock. Further, others, including regulatory agencies, may not accept or agree with our assumptions, estimates, calculations, conclusions or analyses or may interpret or weigh the importance of data differently, which could impact the value of the particular program, the approvability or commercialization of the particular product candidate or product and our company in general. In addition, the information we choose to publicly disclose regarding a particular study or clinical trial is based on what is typically extensive information, and you or others may not agree with what we determine is material or otherwise appropriate information to include in our disclosure. If the interim, top-line, or preliminary data that we report differ from actual results, or if others, including regulatory authorities, disagree with the conclusions reached, our ability to obtain approval for, and commercialize, our product candidates may be harmed, which could harm our business, operating results, prospects or financial condition. We may not be successful in our efforts to identify and successfully develop additional product candidates. Part of our strategy involves identifying novel product candidates. For example, we are currently engaged in internal efforts to identify a protease inhibitor

product candidate for the treatment of respiratory and other diseases resulting from infection with single stranded RNA viruses. Our efforts to discover a protease inhibitor product candidate and any subsequent discovery efforts we initiate to identify other novel product candidates may fail to yield product candidates for clinical development for a number of reasons, including those discussed in these risk factors and also: â€¢we may not be able to assemble sufficient resources to acquire or discover additional product candidates; â€¢competitors may develop alternatives that render our potential product candidates obsolete or less attractive; â€¢potential product candidates we develop may nevertheless be covered by third-partiesâ€™ patent or other intellectual property or exclusive rights; â€¢potential product candidates may, on further study, be shown to have harmful side effects, toxicities or other characteristics that indicate that they are unlikely to be products that will receive marketing approval or achieve market acceptance, if approved; â€¢potential product candidates may not be effective in treating their targeted diseases or symptoms; â€¢the market for a potential product candidate may change so that the continued development of that product candidate is no longer reasonable; â€¢a potential product candidate may not be capable of being produced in commercial quantities at an acceptable cost, or at all; or â€¢the regulatory pathway for a potential product candidate is highly complex and difficult to navigate successfully or economically. If we are unable to identify and successfully develop and commercialize additional suitable product candidates, this would adversely impact our business strategy and our financial position. We may focus on potential product candidates that may prove to be unsuccessful and we may have to forego opportunities to develop other product candidates that may prove to be more successful. We may choose to focus our efforts and resources on one or more potential product candidates that ultimately prove to be unsuccessful as was the case with the failure of bemnifosbuvir to meet the primary endpoint in the 37 Â COVID-19 Phase 3 SUNRISE-3 clinical trial. Further, we may license or purchase a marketed product that does not meet our financial expectations. As a result, we may fail to capitalize on viable commercial products or profitable market opportunities, be required to forego or delay pursuit of opportunities with other product candidates or other diseases that may later prove to have greater commercial potential. Furthermore, we have limited financial and personnel resources and are placing significant focus on the development of our lead product candidate, the combination of bemnifosbuvir and ruzasvir for the treatment of HCV, and as such, we may forgo or delay pursuit of opportunities with other future product candidates that later prove to have greater commercial potential. Our resource allocation decisions may cause us to fail to capitalize on viable commercial products or profitable market opportunities. Our spending on current and future research and development programs and other future product candidates for specific indications may not yield any commercially viable future product candidates. If we do not accurately evaluate the commercial potential or target market for a particular future product candidate, we may relinquish valuable rights to those future product candidates through collaboration, licensing or other royalty arrangements in cases in which it would have been more advantageous for us to retain sole development and commercialization rights to such future product candidates. We may attempt to secure FDA approval of certain product candidates through the use of the accelerated approval pathway or similar expedited approval pathways outside the US. If we are unable to obtain such approval, we may be required to conduct additional preclinical studies or clinical trials beyond those that we contemplate, which could increase the expense of obtaining, and delay the receipt of, necessary marketing approvals. Even if we receive accelerated approval from the FDA or similar expedited approval by foreign regulatory authorities, if our confirmatory trials do not verify clinical benefit, or if we do not comply with rigorous post-marketing requirements, the FDA or foreign regulatory authorities may seek to withdraw accelerated approval or similar conditional approval. We are developing our product candidates for the treatment of serious conditions, and therefore may decide to seek approval of such product candidates under the FDAâ€™s accelerated approval pathway. A product candidate may be eligible for accelerated approval if it is designed to treat a serious or life-threatening disease or condition and generally provides a meaningful advantage over available therapies, upon a determination that the product candidate has an effect on a surrogate endpoint or intermediate clinical endpoint that is reasonably likely to predict clinical benefit. The FDA considers a clinical benefit to be a positive therapeutic effect that is clinically meaningful in the context of a given disease, such as irreversible morbidity or mortality. For the purposes of accelerated approval, a surrogate endpoint is a marker, such as a laboratory measurement, radiographic image, physical sign, or other measure that is thought to predict clinical benefit, but is not itself a measure of clinical benefit. An intermediate clinical endpoint is a clinical endpoint that can be measured earlier than an effect on irreversible morbidity or mortality that is reasonably likely to predict an effect on irreversible morbidity or mortality or other clinical benefit. The accelerated approval pathway may be used in cases in which the advantage of a new drug over available therapy may not be a direct therapeutic advantage, but is a clinically important improvement from a patient and public health perspective. If granted, accelerated approval is usually contingent on the sponsorâ€™s agreement to conduct, in a diligent manner, confirmatory studies to verify and describe the drugâ€™s clinical benefit. If the sponsor fails to conduct such studies in a timely manner, or if such confirmatory studies fail to verify the drugâ€™s predicted clinical benefit, the FDA may withdraw its approval of the drug on an expedited basis. Additionally, as a part of the Food and Drug Omnibus Reform Act of 2022, the FDA obtained new statutory authority to mitigate potential risks to patients from continued marketing of ineffective drugs previously granted accelerated approval. Under these provisions, the FDA may require a sponsor of a product seeking accelerated approval to have a confirmatory trial underway prior to such approval being granted. In the EU, a â€œconditionalâ€ marketing authorization may be granted in cases where all the required safety and efficacy data are not yet available. A conditional marketing authorization is subject to conditions to be fulfilled for generating missing data or ensuring increased safety measures. A conditional marketing authorization is valid for one year and has to be renewed annually until fulfillment of all relevant conditions. Once the applicable pending studies are provided, a conditional marketing authorization can become a â€œstandardâ€ marketing authorization. However, if the conditions are not fulfilled within the timeframe set by the EMA, the marketing authorization will cease to be renewed. Furthermore, marketing authorizations may also be granted â€œunder exceptional circumstancesâ€ when the applicant can show that it is unable to provide comprehensive data on the efficacy and safety under normal conditions of use even after the product has been authorized and subject to the introduction of specific procedures. This may arise when the intended indications are very rare and, in the present state of scientific knowledge, it is not possible to provide comprehensive information, or when generating data may be 38 Â contrary to generally accepted ethical principles. This type of marketing authorization is close to a conditional marketing authorization as it is reserved to medicinal products to be approved for severe diseases or unmet medical needs and the applicant does not hold the complete data set legally required for the grant of a marketing authorization. However, unlike a conditional marketing authorization, the applicant does not have to provide the missing data and will never have to. Although a marketing authorization â€œunder exceptional circumstancesâ€ is granted definitively, the risk-benefit balance of the medicinal product is reviewed annually and the marketing authorization may be withdrawn where the risk-benefit ratio is no longer favorable. The competent regulatory authorities in the EU have broad discretion whether to grant such a conditional marketing authorization or marketing authorization under exceptional circumstances, and, even if such assessment or authorization is granted, we may not experience a faster development process, review or authorization compared to conventional procedures. Moreover, the removal or threat of removal of such marketing authorizations may create uncertainty or delay in the clinical development of our product candidates and threaten the commercialization prospects of our products and product candidates, if approved. Such an occurrence could materially impact our business, financial condition and results of operations. If we decide to submit an NDA seeking accelerated approval or receive an expedited regulatory designation for our product candidates, there can be no assurance that such submission or application will be accepted or that any expedited development, review or approval will be granted on a timely basis, or at all. Failure to obtain accelerated approval or any other form of expedited development, review or approval for a product candidate would result in a longer time period prior to commercialization of such product candidate, if any, and could increase the cost of development of such product candidate, which could harm our competitive position in the marketplace. Even if we complete the necessary preclinical studies and clinical trials, the marketing approval process is expensive, time-consuming and uncertain and may prevent us or any future collaboration partners from obtaining approvals for the commercialization of any product candidate we develop. Any product candidates we may develop and the activities associated with their development and commercialization, including their design, testing, manufacture, safety, efficacy, recordkeeping, labeling, storage, approval, advertising, promotion, sale and distribution, are subject to comprehensive regulation by the FDA and other regulatory authorities in the US and by comparable authorities in other countries. Any product candidates we develop may not be effective, may be only moderately effective, or may prove to have undesirable or unintended side effects, toxicities or other characteristics that may preclude our obtaining marketing approval or prevent or limit commercial use. Failure to obtain marketing approval for a product candidate will prevent us from commercializing the product candidate in a given jurisdiction. We have not received approval to market any product candidates from regulatory authorities in any jurisdiction. It is possible that none of the product candidates we are developing or that we may seek to develop in the future will ever obtain regulatory approval. We, as a company, have no experience in filing and supporting the applications necessary to gain marketing approvals and expect to rely on third-party CROs, suppliers, vendors or regulatory consultants to assist us in this process. Securing regulatory approval requires the submission of extensive preclinical and clinical data and supporting information to the various regulatory authorities for each therapeutic indication to establish the product candidateâ€™s safety and efficacy. Securing regulatory approval also requires the submission of information about the product manufacturing process to, and inspection of manufacturing facilities by, the relevant regulatory authority. The process of obtaining marketing approvals, both in the US and abroad, is expensive, may take many years if numerous clinical trials are required, if approval is obtained at all, and can vary substantially based upon a variety of factors, including the type, complexity and novelty of the product candidates involved. Changes in marketing approval policies during the development period, changes in or the enactment of additional statutes or regulations, or changes in regulatory review for each submitted product application, may cause delays in the approval or rejection of an application. For instance, the EU pharmaceutical legislation is currently undergoing a complete review process, in the context of the Pharmaceutical Strategy for Europe initiative, launched by the European Commission in November 2020. The European Commission's proposal for revision of several legislative instruments related to medicinal products (potentially reducing the duration of regulatory data protection, revising the eligibility for expedited pathways, etc.) was published on April 26, 2023. The proposed revisions have yet to be agreed and adopted by the European Parliament and European Council and the proposal may therefore be substantially revised before adoption, which is not anticipated before early 2026. The revisions may however have a significant impact on the pharmaceutical industry and our business in the long term. 39 Â The FDA and comparable authorities in other countries have substantial discretion in the approval process and may refuse to accept any application or may decide that our data are insufficient for approval and require additional preclinical, clinical or other studies. In addition, varying interpretations of the data obtained from preclinical and clinical testing could delay, limit or prevent marketing approval of a product candidate. Any marketing approval we ultimately obtain may be limited or subject to restrictions or post-approval commitments that render the approved product not commercially viable. If we experience delays in obtaining approval or if we fail to obtain approval of any product candidates we may develop, the commercial prospects for those product candidates may be harmed, and our ability to generate product revenue will be materially impaired. Even if we obtain FDA approval of any of our product candidates, we may never obtain approval or commercialize such products outside of the US, which would limit our ability to realize their full market potential. In order to market any products outside of the US, we must establish and comply with numerous and varying regulatory requirements of other countries regarding safety and efficacy. Clinical trials conducted in one country may not be accepted by regulatory authorities in other countries, and regulatory approval in one country does not mean that regulatory approval will be obtained in any other country. Approval procedures vary among countries and can involve additional product testing and validation and additional administrative review periods. Seeking foreign regulatory approvals could result in significant delays, difficulties and costs for us and may require additional preclinical studies or clinical trials which would be costly and time-consuming. Regulatory requirements can vary widely from country to country and could delay or prevent the introduction of our products in those countries. Satisfying these and other regulatory requirements is costly, time-consuming, uncertain and subject to unanticipated delays. In addition, our failure to obtain regulatory approval in any country may delay or have negative effects on the process for regulatory approval in other countries. We do not have any product candidates approved for sale in any jurisdiction, including international markets, and as an organization we do not have experience in obtaining regulatory approval in international markets. If we fail to comply with regulatory requirements in international markets or to obtain and maintain required approvals, our ability to realize the full market potential of our products will be harmed. Even if a current or future product candidate receives marketing approval, it may fail to achieve the degree of market acceptance by physicians, patients, third-party payors and others in the medical community necessary for commercial success. If any current or future product candidate we develop receives marketing approval, whether as a single agent or in combination with other therapies, it may nonetheless fail to gain sufficient market acceptance by physicians, patients, third-party payors and others in the medical community. For example, current approved antiviral products are well established in the medical community for the treatment of HCV and doctors may continue to rely on these therapies. If the product candidates we develop do not achieve an adequate level of acceptance, we may not generate significant product revenues and we may not become profitable. The degree of market acceptance of any product candidate, if approved for commercial sale, will depend on a number of factors, including but not limited to: â€¢the continued longevity of any market for which we develop a product; â€¢efficacy and potential advantages, including convenience and ease of administration, of our product compared to alternative treatments; â€¢the prevalence and severity of any side effects associated with our product relative to any alternative treatment; â€¢the willingness of the target patient population to try new therapies and of physicians to prescribe these therapies; â€¢the strength and effectiveness of sales, marketing and distribution support; â€¢the cost to patients of treatment regimens with our product in relation to alternative treatments; and â€¢the ability to obtain sufficient adequate reimbursement from third-parties as well as the impact of any agreements among any competitor and any third party payor limiting access to our product. 40 Â If the market opportunities for our product candidates are smaller than we believe they are or any approval we obtain is based on a narrower definition of the patient population, our business may suffer. We currently focus on the discovery and development of product candidates for the treatment of serious viral diseases. Our eligible patient population, pricing estimates and available coverage and reimbursement may differ significantly from the actual market addressable by our product candidates. Our estimates of the number of people who have these diseases, the subset of people with these diseases who have the potential to benefit from treatment with our product candidates, and the market demand for our product candidates are based on our beliefs and analyses. These estimates have been derived from a variety of sources, including the scientific literature, current third-party data regarding prescriptions dispensed, and market research, and may prove to be incorrect. The number of patients may turn out to be lower than expected. Likewise, the potentially addressable patient population for each of our product candidates may be limited or may not be receptive to treatment with our product candidates, and new patients may become increasingly difficult to identify or access. Additionally, the availability of superior or competitive therapies from our competitors could negatively impact or eliminate market demand for our product candidates. If the market opportunities for our product candidates are smaller than we estimate, it could have an adverse effect on our business, financial condition, results of operations and prospects. Disruptions at the FDA and foreign regulatory authorities caused by funding shortages or global health concerns could hinder their ability to hire, retain or deploy key leadership and other personnel, or otherwise prevent new or modified products from being developed, approved or commercialized in a timely manner or at all, which could negatively impact our business. The ability of the FDA and foreign regulatory authorities to review or approve new products can be affected by a variety of factors, including government budget and funding levels, statutory, regulatory, and policy changes, the FDAâ€™s or foreign regulatory authoritiesâ€™ ability to hire and retain key personnel and accept the payment of user fees, and other events that may otherwise affect the FDAâ€™s or foreign regulatory authoritiesâ€™ ability to perform routine functions including a rapid substantial influx of applications from numerous sponsors as occurred with COVID-19. Average review times at the FDA and foreign regulatory authorities have fluctuated in recent years as a result. In addition, government funding of other government agencies that fund research and development activities is subject to the political process, which is inherently fluid and unpredictable. Disruptions at the FDA and other agencies may also slow the time necessary for new drugs to be reviewed and/or approved by necessary government agencies, which would adversely affect our business. For example, over the last several years, the US government has shut down several times and certain regulatory agencies, such as the FDA, have had to furlough critical FDA employees and stop critical activities. Separately, in response to the COVID-19 pandemic, the FDA postponed most inspections of domestic and foreign manufacturing facilities at various points. If a prolonged government shutdown occurs, or if global health concerns prevent the FDA or other regulatory authorities from conducting their regular inspections, reviews, or other regulatory activities, it could significantly impact the ability of the FDA or other regulatory authorities to timely review and process our regulatory submissions, which could have a material adverse effect on our business. Our insurance policies are expensive and protect us only from some business risks, which leaves us exposed to significant uninsured liabilities. Though we have insurance coverage for clinical trial product liability, we do not carry insurance for all categories of risk that our business may encounter. Some of the additional policies we currently maintain include general liability, property, auto, workersâ€™ compensation, cybersecurity, umbrella, and directorsâ€™ and officersâ€™ insurance. As a part of the clinical trial regulatory submission process, in many countries, we are required to provide

local insurance coverage covering claims that persons associated with the clinical trial may assert if they are or believe they are injured as a result of participation in the clinical trial or contact with the investigational product candidate being studied in the clinical trial. These local insurance policies can be time consuming to obtain which may delay the anticipated start of a clinical trial in a particular country. Additionally, these local insurance policies may not cover all the claims an injured party may assert and may be insufficient to cover the losses associated with our defense of the claim and any judgment against us that may result. Any additional product liability insurance coverage we acquire in the future may not be sufficient to reimburse us for any expenses or losses we may suffer. Moreover, insurance coverage is becoming increasingly expensive and in the future we may not be able to maintain insurance coverage at a reasonable cost or in sufficient amounts to protect us against losses due to liability. If we obtain marketing approval for any of our product candidates, we intend to acquire insurance coverage to include the sale of commercial products; however, we may be unable to 41 Â obtain product liability insurance on commercially reasonable terms or in adequate amounts. A successful product liability claim or series of claims brought against us could cause our stock price to decline and, if judgments are for claims not covered by or are in amounts that exceed our insurance coverage, could adversely affect our results of operations and business, including preventing or limiting the development and commercialization of any product candidates we develop. We do not carry specific biological or hazardous waste insurance coverage, and our property, casualty and general liability insurance policies specifically exclude coverage for damages and fines arising from biological or hazardous waste exposure or contamination. Accordingly, in the event of contamination or injury from biological or hazardous waste, we could be held liable for damages or be penalized with fines in an amount exceeding our resources, and our clinical trials or regulatory approvals could be suspended. Operating as a public company has in the past and may in the future make it more difficult and more expensive for us to obtain director and officer liability insurance, and we may be required to accept reduced policy limits and coverage or incur substantially higher costs to obtain the same or similar coverage. As a result, it may be more difficult for us to attract and retain qualified people to serve on our board of directors, our board committees or as executive officers. We do not know, however, if we will be able to maintain existing insurance with adequate levels of coverage. Any significant uninsured liability may require us to pay substantial amounts, which would adversely affect our cash and cash equivalents position and results of operations. Our business and operations may suffer in the event of information technology system failures, cyberattacks, or deficiencies, which could materially affect our results. Our information technology systems, as well as those of our CROs and other contractors and consultants, are vulnerable to attack, failure and damage from computer viruses and other malware (e.g., ransomware), unauthorized access or other cybersecurity attacks, malfeasance by external or internal parties, human error (e.g., social engineering, phishing), natural disasters (including hurricanes), terrorism, war, fire and telecommunication or electrical failures. In the ordinary course of our business, we directly or indirectly collect, store and transmit sensitive data, including intellectual property, confidential information, preclinical and clinical trial data, proprietary business information, personal data and personally identifiable health information of our clinical trial subjects and employees, in our data centers and on our networks, or on those of third parties. The secure processing, maintenance and transmission of this information is critical to our operations. Despite security measures that we and our critical third parties (e.g., collaborators) implement, our information technology systems may be vulnerable to attacks by hackers or internal bad actors, or breached due to human error, a technical vulnerability, malfeasance or other disruptions. The risk of a security breach or disruption, particularly through cyber-attacks or cyber intrusion, including by computer hackers, foreign governments, and cyber terrorists, has generally increased as the number, level of persistence, intensity and sophistication of attempted attacks and intrusions from around the world have increased. We also face increased cybersecurity risks due to our reliance on internet technology and the number of our employees who are working remotely, which may create additional opportunities for cybercriminals to exploit vulnerabilities. We may not be able to anticipate all types of security threats, nor may we be able to implement preventive measures effective against all such security threats. The techniques used by cybercriminals change frequently, may not be recognized until launched and can originate from a wide variety of sources, including outside groups such as external service providers, organized crime affiliates, terrorist organizations or hostile foreign governments or agencies. Because of this, we may also experience security breaches that may remain undetected for an extended period. Even if identified, we may be unable to adequately investigate or remediate incidents or breaches due to attacks increasingly using tools and techniques that are designed to circumvent controls, to avoid detection, and to remove or obfuscate forensic evidence. We cannot assure you that our data protection efforts and our investment in information technology will prevent significant breakdowns, data leakages or breaches in our systems or those of our CROs and other contractors and consultants or that any such significant breakdowns, data leakages or breaches will be timely discovered, disclosed (if applicable) and remediated. We and certain of our service providers are from time to time subject to cyberattacks and security incidents. While we do not believe that we have experienced any significant system failure, accident or security breach to date, if such an event were to occur and cause interruptions in our operations, it could result in a material disruption of our product candidate development programs. For example, the loss data from completed, ongoing or planned preclinical studies or clinical trials could result in delays in our regulatory approval efforts and significantly increase our costs to recover or reproduce the data. To the extent that any disruption or security breach were to result in a loss of or damage to our data or applications, or inappropriate disclosure of personal, confidential or proprietary information, we could incur liability and the further development of our product candidates could be delayed. 42 Â If a security breach or other incident were to result in the unauthorized access to or unauthorized use, disclosure, release or other processing of personal information, it may be necessary to notify individuals, governmental authorities, supervisory bodies, the media and other parties pursuant to privacy and security laws. Any such access, disclosure or other loss of information could result in legal claims or proceedings, liability under laws that protect the privacy of personal information and significant regulatory penalties, and such an event could disrupt our operations, damage our reputation and cause a loss of confidence in us and our ability to conduct clinical trials, which could adversely affect our reputation and delay our clinical development of our product candidates. Further, our insurance coverage may not be sufficient to cover the financial, legal, business or reputational losses that may result from an interruption or breach of our systems. Risks Related to Healthcare Laws and Other Legal Compliance Matters We are subject to extensive and costly government regulation. Our product candidates will be subject to extensive and rigorous domestic government regulation, including regulation and oversight by the FDA, the CMS, other divisions of HHS, the US Department of Justice, state and local governments, and their respective equivalents outside of the US. The FDA regulates the research, development, preclinical and clinical testing, manufacture, safety, effectiveness, record-keeping, reporting, labeling, packaging, storage, approval, advertising, promotion, sale, distribution, import and export of pharmaceutical products. If our products are marketed abroad, they will also be subject to extensive regulation by foreign governments, whether or not they have obtained FDA approval. Such foreign regulation may be equally or more demanding than corresponding US regulation. Government regulation substantially increases the cost and risk of researching, developing, manufacturing and, if approved, selling our products. The regulatory review and approval process, which includes preclinical testing and clinical trials of each product candidate, is lengthy, expensive and uncertain. We must obtain and maintain regulatory authorization to conduct clinical trials. We must obtain regulatory approval for each product we intend to market, and the manufacturing facilities used for the products must be inspected and meet legal requirements. Securing regulatory approval requires the submission of extensive preclinical and clinical data and other supporting information for each proposed therapeutic indication in order to establish the productâ€™s safety and efficacy, potency and purity, for each intended use. The development and approval process takes many years, requires substantial resources, and may never lead to the approval of a product. Even if we are able to obtain regulatory approval for a particular product, the approval may limit the indicated medical uses for the product, may otherwise limit our ability to promote, sell and distribute the product, may require that we conduct costly post-marketing surveillance, and/or may require that we conduct ongoing post-marketing studies. Material changes to an approved product, such as, for example, manufacturing changes or revised labeling, may require further regulatory review and approval. Once obtained, any approvals may be withdrawn, including, for example, if there is a later discovery of previously unknown problems with the product, such as a previously unknown safety issue. If we, our consultants, CMOs, CROs or other vendors, fail to comply with applicable regulatory requirements at any stage during the regulatory process, such noncompliance could result in, among other things, delays in the approval of applications or supplements to approved applications; refusal of a regulatory authority, including the FDA, to review pending market approval applications or supplements to approved applications; warning letters; fines; import and/or export restrictions; product recalls or seizures; injunctions; total or partial suspension of production; civil penalties; withdrawals of previously approved marketing applications or licenses; recommendations by the FDA or other regulatory authorities against governmental contracts; and/or criminal prosecutions. Enacted and future healthcare legislation and policies may increase the difficulty and cost for us to commercialize our product candidates and could adversely affect our business. In the US, the EU and other jurisdictions, there have been, and we expect there will continue to be, a number of legislative and regulatory changes and proposed changes to the healthcare system that could prevent or delay marketing approval of our product candidates, restrict or regulate post-approval activities involving any product candidates for which we obtain marketing approval, impact pricing and reimbursement and impact our ability to sell any such products profitably. In particular, there have been and continue to be a number of initiatives at the US federal and state levels that seek to reduce healthcare costs and improve the quality of healthcare. In addition, new regulations and interpretations of existing healthcare statutes and regulations are frequently adopted. 43 Â In March 2010, the Patient Protection and Affordable Care Act ("ACA"), was enacted, which substantially changed the way healthcare is financed in the US by both governmental and private insurers. Among the provisions of the ACA, those of greatest importance to the pharmaceutical and biotechnology industries include the following: â€¢an annual, non-deductible fee payable by any entity that manufactures or imports certain branded prescription drugs and biologic agents (other than those designated as orphan drugs), which is apportioned among these entities according to their market share in certain government healthcare programs; â€¢a Medicare Part D coverage gap discount program, requiring manufacturers to agree to offer point-of-sale discounts off negotiated prices of applicable brand drugs to eligible beneficiaries during their coverage gap period, as a condition for the manufacturerâ€™s outpatient drugs to be covered under Medicare Part D; â€¢increases and changes in the statutory minimum rebates a manufacturer must pay under the Medicaid Drug Rebate Program; â€¢extension of a manufacturerâ€™s Medicaid rebate liability to covered outpatient drugs dispensed to individuals who are enrolled in Medicaid managed care organizations; â€¢expansion of eligibility criteria for Medicaid programs by, among other things, allowing states to offer Medicaid coverage to certain individuals with income at or below 133% of the federal poverty level, thereby potentially increasing a manufacturerâ€™s Medicaid rebate liability; â€¢a Patient-Centered Outcomes Research Institute to oversee, identify priorities in, and conduct comparative clinical effectiveness research, along with funding for such research; and â€¢establishment of the Center for Medicare and Medicaid Innovation at CMS to test innovative payment and service delivery models to lower Medicare and Medicaid spending, potentially including prescription drug spending. Since its enactment, there have been judicial, Congressional and executive challenges to certain aspects of the ACA. On June 17, 2021, the US Supreme Court dismissed the most recent judicial challenge to the ACA brought by several states without specifically ruling on the constitutionality of the ACA. In addition, other legislative changes have been proposed and adopted in the US since the ACA was enacted. In August 2011, the Budget Control Act of 2011 imposed aggregate reductions of Medicare payments to providers, effective April 1, 2013 which, due to subsequent legislative amendments, will stay in effect through 2032. Further, on March 11, 2021 the American Rescue Plan Act of 2021 was signed into law, which eliminated the statutory Medicaid drug rebate cap, beginning January 1, 2024. The rebate was previously capped at 100% of a drugâ€™s average manufacturer price. Moreover, payment methodologies may be subject to other changes in healthcare legislation and regulatory initiatives. For example, CMS may develop new payment and delivery models, such as outcomes-based reimbursement. In addition, recently there has been heightened governmental scrutiny over the manner in which manufacturers set prices for their marketed products, which has resulted in several US Congressional inquiries and proposed and enacted federal legislation designed to, among other things, bring more transparency to drug pricing, reduce the cost of prescription drugs under Medicare, and review the relationship between pricing and manufacturer patient programs. Most recently, on August 16, 2022, the IRA was signed into law. Among other things, the IRA requires manufacturers of certain drugs to engage in price negotiations with Medicare (beginning in 2026), with prices that can be negotiated subject to a cap; imposes rebates under Medicare Part B and Medicare Part D to penalize price increases that outpace inflation (first due in 2023); and replaces the Part D coverage gap discount program with a new discounting program (beginning in 2025). The IRA permits the HHS Secretary to implement many of these provisions through guidance, as opposed to regulation, for the initial years. HHS has and will continue to issue and update guidance as these programs are implemented. On August 29, 2023, HHS announced the list of the first ten drugs that will be subject to price negotiations, although the Medicare drug price negotiation program is currently subject to legal challenges. For that and other reasons, it is currently unclear how the IRA will be effectuated. We expect that additional US federal healthcare reform measures will be adopted in the future, any of which could limit the amounts that the US federal government will pay for healthcare products and services, which could result in reduced demand for our product candidates or additional pricing pressures. 44 Â Individual states in the US have also increasingly passed legislation and implemented regulations designed to control pharmaceutical and biological product pricing, including price or patient reimbursement constraints, discounts, restrictions on certain product access, and marketing cost disclosure and transparency measures, and, in some cases, designed to encourage importation from other countries and bulk purchasing. Legally mandated price controls on payment amounts by third-party payors or other restrictions could harm our business, results of operations, financial condition and prospects. In addition, states and other regional healthcare authorities and individual hospitals are increasingly using bidding procedures to determine what pharmaceutical products and which suppliers will be included in their prescription drug and other healthcare programs. This could reduce the ultimate demand for our product candidates or put pressure on our product pricing. In the EU, similar political, economic and regulatory developments may affect our ability to profitably commercialize our product candidates, if approved. In addition to continuing pressure on prices and cost containment measures, legislative developments at the EU or member state level may result in significant additional requirements or obstacles that may increase our operating costs. The delivery of healthcare in the EU, including the establishment and operation of health services and the pricing and reimbursement of medicines, is almost exclusively a matter for national, rather than EU, law and policy. National governments and health service providers have different priorities and approaches to the delivery of healthcare and the pricing and reimbursement of products in that context. In general, however, the healthcare budgetary constraints in most EU member states have resulted in restrictions on the pricing and reimbursement of medicines by relevant health service providers. Coupled with ever-increasing EU and national regulatory burdens on those wishing to develop and market products, this could prevent or delay marketing approval of our product candidates, restrict or regulate post-approval activities and affect our ability to commercialize our product candidates, if approved. In markets outside of the US and the EU, reimbursement and healthcare payment systems vary significantly by country, and many countries have instituted price ceilings on specific products and therapies. Enacted and future legislation and policies may increase the difficulty and cost for us to obtain marketing approval of our product candidates and could adversely affect our business. In the US, legislative and regulatory proposals have been made to expand post-approval requirements and restrict sales and promotional activities for pharmaceutical products. We cannot be sure whether additional legislative changes will be enacted, or whether the FDAâ€™s regulations, guidance or interpretations will be changed, or what the impact of such changes on the marketing approvals of our product candidates, if any, may be. In addition, increased scrutiny by Congress of the FDAâ€™s approval process may significantly delay or prevent marketing approval, as well as subject us to more stringent product labeling and post-marketing testing and other requirements. We cannot predict the likelihood, nature or extent of government regulation that may arise from future legislation or administrative action in the US, the EU or any other jurisdiction. If we or any third parties we may engage are slow or unable to adapt to changes in existing requirements or the adoption of new requirements or policies, or if we or such third parties are not able to maintain regulatory compliance, we may be subject to enforcement action and we may not achieve or sustain profitability. Even if we obtain regulatory approval for a product candidate, our products will remain subject to regulatory scrutiny and post-marketing requirements. Any regulatory approvals that we may receive for our product candidates will require the submission of reports to regulatory authorities and surveillance to monitor the safety and efficacy of the product candidate, may contain significant limitations related to use restrictions for groups specified by, among other things, age or medical condition, warnings, precautions or contraindications, and may include burdensome post-approval study or risk management requirements. For example, the FDA may require a REMS in order to approve our product candidates, which could entail requirements for a medication guide, physician training and communication plans or additional elements to ensure safe use, such as restricted distribution methods, patient registries and other risk minimization tools. In addition, if any of our product candidates is approved, it will be subject to ongoing regulatory requirements for manufacturing, labeling, packaging, storage, advertising, promotion, sampling, record-keeping, conduct of post-marketing studies and submission of safety, efficacy, and other post-market information, including both federal and state requirements in the US and requirements of comparable foreign regulatory authorities. Manufacturers and manufacturersâ€™ facilities are required to comply with extensive FDA and comparable foreign regulatory authority requirements, including ensuring

that quality control and manufacturing procedures conform to cGMP and similar regulations. As such, we and our contract manufacturers will be subject to continual review and inspections to assess compliance with cGMP and similar requirements and adherence to commitments made in any approved marketing application. Accordingly, we and others with whom we work must continue to expend 45 Â time, money and effort in all areas of regulatory compliance, including manufacturing, production and quality control. If the FDA or another regulatory authority discovers previously unknown problems with a product, such as adverse events of unanticipated severity or frequency, or problems with the facility where the product is manufactured, or disagrees with the promotion, marketing or labeling of a product, such regulatory authorities may impose restrictions on that product or us, including requiring withdrawal of the product from the market. If we fail to comply with applicable regulatory requirements, a regulatory authority or enforcement authority may, among other things: â€¢issue warning letters; â€¢impose civil or criminal penalties; â€¢suspend or withdraw regulatory approval; â€¢suspend any of our clinical trials; â€¢refuse to approve pending applications or supplements to approved applications submitted by us; â€¢impose restrictions on our operations, including closing our CMOs facilities; or â€¢seize or detain products, or require a product recall. Any government investigation of alleged violations of law could require us to expend significant time and resources in response and could generate negative publicity. Any failure to comply with ongoing regulatory requirements may adversely affect our ability to commercialize and generate revenue from our products. If regulatory sanctions are applied or if any regulatory approval is withdrawn, our business will be seriously harmed. Moreover, the policies of the FDA and of other regulatory authorities may change, and additional government regulations may be enacted that could prevent, limit or delay regulatory approval of our product candidates. We cannot predict the likelihood, nature or extent of government regulation that may arise from future legislation or administrative or executive action, either in the US or abroad. If we are slow or unable to adapt to changes in existing requirements or the adoption of new requirements or policies, or if we are not able to maintain regulatory compliance, we may be subject to enforcement action, and we may not achieve or sustain profitability. The FDA and other regulatory agencies actively enforce the laws and regulations prohibiting the promotion of off-label uses. If any of our product candidates are approved and we are found to have improperly promoted off-label uses of those products, we may become subject to significant liability. The FDA and other regulatory agencies strictly regulate the promotional claims that may be made about prescription products, such as our product candidates, if approved. In particular, a product may not be promoted for uses that are not approved by the FDA or such other regulatory agencies as reflected in the productâ€™s approved labeling. If we receive marketing approval for a product candidate, physicians may nevertheless prescribe it to their patients in a manner that is inconsistent with the approved label. If we are found to have promoted such off-label uses, we may become subject to significant liability. The US federal government has levied large civil and criminal fines against companies for alleged improper promotion of off-label use and has enjoined several companies from engaging in off-label promotion. The FDA has also requested that companies enter into consent decrees or permanent injunctions under which specified promotional conduct is changed or curtailed. If we cannot successfully manage the promotion of our product candidates, if approved, we could become subject to significant liability, which would materially adversely affect our business and financial condition. Our business operations and current and future relationships with clinical trial investigators, healthcare professionals, consultants, third-party payors, patient organizations and customers will be subject to applicable healthcare regulatory laws, which could expose us to penalties. Our business operations and current and future arrangements with clinical trial investigators, other healthcare professionals, consultants, third-party payors, patient organizations and customers, may expose us to broadly applicable fraud and abuse and other healthcare laws and regulations. These laws may constrain the business or financial arrangements and relationships through which we conduct our operations, including how we research, and if approved, market, sell and distribute our product candidates. Such laws include but are not limited to: â€¢the US federal Anti-Kickback Statute, which makes it illegal for any person to knowingly and willfully solicit, offer, receive, pay or provide any remuneration (including any kickback, bribe or certain rebate), 46 Â directly or indirectly, overtly or covertly, in cash or in kind, to induce or reward, or in return for, either the referral of an individual for, or the purchase, lease, order or recommendation of, any good, facility, item or service, for which payment may be made, in whole or in part, under US federal and state healthcare programs such as Medicare and Medicaid. A person or entity does not need to have actual knowledge of the statute or specific intent to violate it in order to have committed a violation; â€¢the US federal civil and criminal false claims laws, including the civil False Claims Act (â€œFCAâ€), which prohibit individuals or entities from, among other things, knowingly presenting, or causing to be presented, to the US federal government, claims for payment or approval that are false, fictitious or fraudulent, knowingly making, using or causing to be made or used, a false record or statement material to a false or fraudulent claim, or from knowingly making a false statement to avoid, decrease or conceal an obligation to pay money to the US federal government. Manufacturers can be held liable under the FCA even when they do not submit claims directly to government payors if they are deemed to â€œcauseâ€ the submission of false or fraudulent claims. The government may deem manufacturers to have â€œcausedâ€ the submission of false or fraudulent claims by, for example, providing inaccurate billing or coding information to customers or promoting a product off-label. Companies that submit claims directly to payors may also be liable under the FCA for the direct submission of such claims. In addition, the government may assert that a claim including items or services resulting from a violation of the federal Anti-Kickback Statute constitutes a false or fraudulent claim for purposes of the FCA. The FCA also permits a private individual acting as a â€œwhistleblowerâ€ to bring actions on behalf of the federal government alleging violations of the FCA and to share in any monetary recovery. When an entity is determined to have violated the FCA, the government may impose civil fines and penalties for each false claim, plus treble damages, and exclude the entity from participation in Medicare, Medicaid and other federal healthcare programs; â€¢the US federal civil monetary penalties laws, which impose civil fines for, among other things, the offering or transfer of remuneration to a Medicare or state healthcare program beneficiary if the person knows or should know it is likely to influence the beneficiaryâ€™s selection of a particular provider, practitioner or supplier of services reimbursable by Medicare or a state healthcare program, unless an exception applies; â€¢the US federal Health Insurance Portability and Accountability Act of 1996 (â€œHIPAAâ€) and its implementing regulations, which created additional federal criminal statutes that prohibit knowingly and willfully executing, or attempting to execute, a scheme to defraud any healthcare benefit program or obtain, by means of false or fraudulent pretenses, representations, or promises, any of the money or property owned by, or under the custody or control of, any healthcare benefit program, regardless of the payor (e.g., public or private) and knowingly and willfully falsifying, concealing or covering up by any trick or device a material fact or making any materially false statements in connection with the delivery of, or payment for, healthcare benefits, items or services relating to healthcare matters. Similar to the US federal Anti-Kickback Statute, a person or entity does not need to have actual knowledge of the statute or specific intent to violate it in order to have committed a violation; â€¢the FDCA, which prohibits, among other things, the adulteration or misbranding of drugs, biologics and medical devices; â€¢the US federal Physician Payments Sunshine Act and its implementing regulations, which requires certain manufacturers of drugs, devices, biologics and medical supplies that are reimbursable under Medicare, Medicaid or the Childrenâ€™s Health Insurance Program to report annually to the government information related to certain payments and other transfers of value to physicians (defined to include doctors, dentists, optometrists, podiatrists and chiropractors), certain non-physician practitioners (physician assistants, nurse practitioners, clinical nurse specialists, certified nurse anesthetists, anesthesiologist assistants and certified nurse midwives), and teaching hospitals, as well as ownership and investment interests held by the physicians described above and their immediate family members; â€¢US federal price reporting laws, which require manufacturers to calculate and report complex pricing metrics to government programs, where reported prices may be used in the calculation of reimbursement and/or discounts on approved products; â€¢US federal consumer protection and unfair competition laws, which broadly regulate marketplace activities and activities that potentially harm consumers; 47 Â â€¢analogous US state laws and regulations, including: state anti-kickback and false claims laws, which may apply to our business practices, including but not limited to, research, distribution, sales and marketing arrangements and claims involving healthcare items or services reimbursed by any third-party payor, including private insurers; state laws that require pharmaceutical companies to comply with the pharmaceutical industryâ€™s voluntary compliance guidelines and the relevant compliance guidance promulgated by the US federal government, or otherwise restrict payments that may be made to healthcare providers and other potential referral sources; state laws and regulations that require drug manufacturers to file reports relating to pricing and marketing information, which requires tracking gifts and other remuneration and items of value provided to healthcare professionals and entities; and state and local laws that require the registration of pharmaceutical sales representatives; and â€¢similar healthcare laws and regulations in the EU and other jurisdictions, including reporting requirements detailing interactions with and payments to healthcare providers. Ensuring that our internal operations and future business arrangements with third parties comply with applicable healthcare laws and regulations will involve substantial costs. It is possible that governmental authorities will conclude that our business practices, including our relationships with physicians and other healthcare providers, some of whom are compensated in the form of stock or stock options for services provided to us and may be in the position to influence the ordering of or use of our product candidates, if approved, may not comply with current or future statutes, regulations, agency guidance or case law involving applicable fraud and abuse or other healthcare laws and regulations. If our operations are found to be in violation of any of the laws described above or any other governmental laws and regulations that may apply to us, we may be subject to significant penalties, including civil, criminal and administrative penalties, damages, fines, exclusion from government-funded healthcare programs, such as Medicare and Medicaid or similar programs in other countries or jurisdictions, integrity oversight and reporting obligations to resolve allegations of non-compliance, disgorgement, individual imprisonment, contractual damages, reputational harm, diminished profits and the curtailment or restructuring of our operations. If any of the physicians or other providers or entities with whom we expect to do business are found to not be in compliance with applicable laws, they may be subject to criminal, civil or administrative sanctions, including exclusions from government funded healthcare programs and imprisonment, which could affect our ability to operate our business. Further, defending against any such actions can be costly, time-consuming and may require significant personnel resources. Therefore, even if we are successful in defending against any such actions that may be brought against us, our business may be impaired. We are subject to governmental regulation and other legal obligations, particularly related to privacy, data protection and information security, and we are subject to consumer protection laws that regulate our marketing practices and prohibit unfair or deceptive acts or practices. Our actual or perceived failure to comply with such obligations could harm our business. We are subject to diverse laws and regulations relating to data privacy and security. New privacy rules are being enacted in the US and globally, and existing ones are being updated and strengthened. For example, the California Consumer Privacy Act (â€œCCPAâ€) went into effect on January 1, 2020 and creates individual privacy rights for California consumers, increases the privacy and security obligations of entities handling certain personal information, requires new disclosures to California individuals and affording such individuals new abilities to opt out of certain sales of personal information, and provides for civil penalties for violations as well as a private right of action for data breaches that has increased the likelihood of, and risks associated with data breach litigation. Further, the California Privacy Rights Act (â€œCPRAâ€), which generally went into effect on January 1, 2023, significantly amends the CCPA and imposes additional data protection obligations on covered businesses, including additional consumer rights processes, limitations on data uses, new audit requirements for higher risk data, and opt outs for certain uses of sensitive data. It has also created a new California data protection agency authorized to issue substantive regulations and could result in increased privacy and information security enforcement, additional compliance investment and potential business process changes may be required. Similar laws have passed in other states, and are continuing to be proposed at the state and federal level, reflecting a trend toward more stringent privacy legislation in the US. The enactment of such laws could have potentially conflicting requirements that would make compliance challenging. Any liability from failure to comply with the requirements of applicable data privacy and data protection laws could adversely affect our financial condition. Complying with these numerous, complex and often changing regulations is expensive and difficult, and failure to comply with any privacy laws or data security laws or any security incident or breach involving the misappropriation, loss or other unauthorized processing, use or disclosure of sensitive or confidential patient, consumer or other personal information, whether by us, one of our CROs or business associates or another 48 Â third-party, could adversely affect our business, our operations abroad, financial condition and results of operations. Such adverse effects may include, but are not limited to: investigation costs; material fines and penalties; compensatory, special, punitive and statutory damages; litigation; consent orders regarding our privacy and security practices; requirements that we provide notices, credit monitoring services and/or credit restoration services or other relevant services to impacted individuals; adverse actions against our licenses to do business; reputational damage; and injunctive relief. Our operations abroad may also be subject to increased scrutiny or attention from data protection authorities. For example, the EU General Data Protection Regulation ("GDPR") went into effect in May 2018, and imposes strict requirements for processing the personal data of individuals within the EEA or in the context of our activities in the EEA. The GDPR and related implementing laws in individual EU member states govern the collection and use of health data and other personal data in the EU including the personal data processed by companies outside the EU in connection with the offering of goods or services to individuals in the EU or the monitoring of their behavior (including in the context of clinical trials). Companies that must comply with the GDPR face increased compliance obligations and risk, including more robust regulatory enforcement of data protection requirements and potential fines for noncompliance of up to â‚¬20 million or 4% of the annual global revenues of the noncompliant company, whichever is greater. In addition to the foregoing, a breach of the GDPR could result in regulatory investigations, reputational damage, orders to cease / change our processing of our data, enforcement notices, and/ or assessment notices (for a compulsory audit). Companies may also face civil claims including representative actions and other class action type litigation (where individuals have suffered harm), potentially amounting to significant compensation or damages liabilities, as well as associated costs, diversion of internal resources, and reputational harm. Among other requirements, the GDPR regulates transfers of personal data subject to the GDPR to third countries that have not been found to provide adequate protection to such personal data, including the US, and the efficacy and longevity of current transfer mechanisms between the EEA, and the US remains uncertain. On July 10, 2023, the European Commission adopted its Adequacy Decision in relation to the new EU-US Data Privacy Framework (â€œDPFâ€), rendering the DPF effective as a GDPR transfer mechanism to U.S. entities self-certified under the DPF. As supervisory authorities issue further guidance on personal data export mechanisms, including circumstances where the SCCs cannot be used, and/or start taking enforcement action, we could suffer additional costs, complaints and/or regulatory investigations or fines, and/or if we are otherwise unable to transfer personal data between and among countries and regions in which we operate, it could affect the manner in which we conduct our business, the geographical location or segregation of our relevant systems and operations, and could adversely affect our financial results. In addition, since January 1, 2021, after the end of the transition period following the UKâ€™s departure from the EU, we are also subject to the UK data protection regime (the UK GDPR and UK Data Protection Act 2018), which imposes separate but similar obligations to those under the GDPR and comparable penalties, including fines of up to Â£17.5 million or 4% of a noncompliant companyâ€™s global annual revenue for the preceding financial year, whichever is greater. On October 12, 2023, the UK Extension to the DPF came into effect (as approved by the UK Government), as a data transfer mechanism from the UK to US entities self-certified under the DPF. As we continue to expand into other foreign countries and jurisdictions, we may be subject to additional laws and regulations that may affect how we conduct business. We cannot assure you that our CROs or other third-party service providers with access to our or our suppliersâ€™, trial patientsâ€™, investigators and clinical site employeesâ€™ personally identifiable and other sensitive or confidential information in relation to which we are responsible will not breach contractual obligations imposed by us, or that they will not experience data security breaches or attempts thereof, which could have a corresponding effect on our business, including putting us in breach of our obligations under privacy laws and regulations and/or which could in turn adversely affect our business, results of operations and financial condition. We cannot assure you that our contractual measures and our own privacy and security-related safeguards will protect us from the risks associated with the third-party processing, use, storage and transmission of such information. Any of the foregoing could have a material adverse effect on our business, financial condition, results of operations, and prospects. We face potential liability related to the privacy of health information we obtain from clinical trials sponsored by us. Most healthcare providers in the US, including research institutions from which we obtain patient health information, are subject to privacy and security regulations promulgated under HIPAA, as amended by the Health Information Technology for Economic and Clinical Health Act. We do not believe that we are currently acting as a 49 Â covered entity or business associate under HIPAA and thus are not directly subject to its requirements or penalties. However, any person may be prosecuted under HIPAAâ€™s criminal provisions either directly or under aiding-and-abetting or conspiracy principles. Consequently, depending on the facts and circumstances, we could face substantial criminal penalties if we knowingly receive individually identifiable health information from a HIPAA-covered healthcare provider or research institution that has not satisfied HIPAAâ€™s requirements for disclosure of individually identifiable health information. Even when HIPAA does not apply, according to the Federal Trade Commission (â€œFTCâ€), failing to take appropriate steps to keep consumersâ€™ personal information secure constitutes unfair acts or practices in or affecting commerce in violation of the Federal Trade Commission Act. The FTC expects a companyâ€™s data security measures to be reasonable and appropriate in light of the sensitivity and volume of

consumer information it holds, the size and complexity of its business, and the cost of available tools to improve security and reduce vulnerabilities. Individually identifiable health information is considered sensitive data that merits stronger safeguards. We, our CROs and third-party service providers receive and maintain sensitive information, including health-related information, that we receive throughout the clinical trial process, in the course of our research collaborations. As such, we may also be subject to state laws, requiring notification of affected individuals and state regulators in the event of a breach of personal information, which is a broader class of information than the health information protected by HIPAA. Our clinical trial programs outside the US may implicate international data protection laws, including the UK GDPR, GDPR and legislation of the EU member states implementing it. In addition, the EU imposes obligations on the use of data generated from clinical trials and enables European patients to have the opportunity to access their personal data processed in the context of clinical trials. Our activities outside the US impose additional compliance requirements and generate additional risks of enforcement for noncompliance. Failure by our CROs and other third-party contractors to comply with the strict rules on the transfer of personal data outside of the EU into the US may result in the imposition of criminal and administrative sanctions on such collaborators, which could adversely affect our business. Furthermore, certain health privacy laws, data breach notification laws, consumer protection laws and genetic testing laws may apply directly to our operations and/or those of our collaborators and may impose restrictions on our collection, use and dissemination of individualsâ€™ health information. Moreover, patients about whom we or our collaborators obtain health information, as well as the providers who share this information with us, may have statutory or contractual rights that limit our ability to use and disclose the information. We may be required to expend significant capital and other resources to ensure ongoing compliance with applicable privacy and data security laws. Claims that we have violated individualsâ€™ privacy rights or breached our contractual obligations, even if we are not found liable, could be expensive and time-consuming to defend and could result in adverse publicity that could harm our business. If we or third-party CMOs, CROs or other contractors or consultants fail to comply with applicable federal, state or foreign regulatory privacy requirements, we could be subject to a range of regulatory actions that could affect our or our contractorsâ€™ ability to develop and commercialize our product candidates and could harm or prevent sales of any affected products that we are able to commercialize, or could substantially increase the costs and expenses of developing, commercializing and marketing our products. Any threatened or actual government enforcement action could also generate adverse publicity and require that we devote substantial resources that could otherwise be used in other aspects of our business. Increasing use of social media could give rise to liability, breaches of data security or reputational damage. Any of the foregoing could have a material adverse effect on our business, financial condition, results of operations and prospects. We are subject to environmental, health and safety laws and regulations, and we may become exposed to liability and substantial expenses in connection with environmental compliance or remediation activities. Our operations, including our development, testing and manufacturing activities, are subject to numerous environmental, health and safety laws and regulations. These laws and regulations govern, among other things, the controlled use, handling, release and disposal of and the maintenance of a registry for, hazardous materials and biological materials, such as chemical solvents, human cells, carcinogenic compounds, mutagenic compounds and compounds that have a toxic effect on reproduction, laboratory procedures and exposure to blood-borne pathogens. If we fail to comply with such laws and regulations, we could be subject to fines or other sanctions. Moreover, certain environmental laws may impose liability without regard to fault or legality of the action at the time of its occurrence. As with other companies engaged in activities similar to ours, we face a risk of environmental liability inherent in our current and historical activities, including liability relating to releases of or exposure to hazardous or biological materials. Environmental, health and safety laws and regulations are becoming more stringent. We may be 50 Â required to incur substantial expenses in connection with future environmental compliance or remediation activities, in which case, the production efforts of our third-party manufacturers or our development efforts may be interrupted or delayed. We and our employees are increasingly utilizing social media tools as a means of communication both internally and externally. Despite our efforts to monitor evolving social media communication guidelines and comply with applicable rules, there is risk that the use of social media by us or our employees to communicate about our product candidates or business may cause us to be found in violation of applicable requirements. In addition, our employees may knowingly or inadvertently make use of social media in ways that may not comply with applicable laws and regulations, our policies and other legal or contractual requirements, which may give rise to regulatory enforcement action, liability, lead to the loss of trade secrets or other intellectual property or result in public exposure of personal information of our employees, clinical trial patients, customers and others. Furthermore, negative posts or comments about us or our product candidates in social media could seriously damage our reputation, brand image and goodwill. Any of these events could have a material adverse effect on our business, prospects, operating results and financial condition and could adversely affect the price of our common stock. Risks Related to Commercialization Developments by competitors may render our products or technologies obsolete or non-competitive or may reduce the size of our markets. Our industry is characterized by extensive research and development efforts, rapid developments in technologies, intense competition and a strong emphasis on proprietary products. We expect our product candidates to face intense competition with existing products and increasing competition as new products enter the relevant markets and advanced technologies become available. We face potential competition from many different sources, including pharmaceutical, biotechnology and specialty pharmaceutical companies. Academic research institutions, governmental agencies and public and private institutions are also potential sources of competitive products and technologies. Our competitors may have or may develop superior technologies or approaches, which may provide them with competitive advantages. Many of these competitors have products already approved or in development in the therapeutic categories that we are targeting with our product candidates. Either alone or together with their collaborative partners, many of these competitors operate larger research and development programs and have substantially greater financial resources and access to larger pools of capital, including in some cases US government funding, than we do. Additionally, many of these competitors have greater experience in: â€¢developing product candidates; â€¢undertaking preclinical testing and clinical trials; â€¢obtaining NDA approval by the FDA and comparable approvals of product candidates from foreign regulatory authorities; â€¢formulating and manufacturing products; and â€¢launching, marketing and selling products. If these competitors access the marketplace before we do with safer, more effective, or less expensive therapeutics or vaccines, our product candidates, if approved for commercialization, may not be profitable to sell or worthwhile to continue to develop. Technology in the pharmaceutical industry has undergone rapid and significant change, and we expect that it will continue to do so. Any compounds, products or processes that we develop may become obsolete or uneconomical before we recover any expenses incurred in connection with their development. The success of our product candidates will depend upon factors such as product efficacy, safety, reliability, availability, timing, scope of regulatory approval, acceptance and price, among other things. Other important factors to our success include speed in developing product candidates, completing clinical development and laboratory testing, obtaining regulatory approvals and manufacturing and selling commercial quantities of potential products. For the diseases that we are targeting, significant competition exists from approved and authorized oral treatments as well as other treatments in development. The approved drugs, particularly for HCV, are well-established products and are widely accepted by physicians, patients and third-party payors. 51 Â Our product candidates, if approved, are expected to compete directly or indirectly with existing products and products currently in development. Even if approved and commercialized, our product candidates may fail to achieve market acceptance with hospitals, physicians, patients or third-party payors. Hospitals, physicians, patients or third-party payors may conclude that our products are less safe or effective or otherwise less attractive than existing drugs. If our product candidates do not receive market acceptance for any reason, our revenue potential would be diminished, which would materially adversely affect our ability to become profitable. Many of our competitors have substantially greater capital resources, access to larger pools of capital, robust product candidate pipelines, established presence in the market, deep and broad commercial infrastructures and greater expertise in research and development, manufacturing, preclinical and clinical testing, obtaining regulatory approvals and reimbursement and marketing approved products than we do. As a result, our competitors may achieve product commercialization or patent or other intellectual property protection earlier than we can. For example, in each of May 2023 and October 2024, the US Patent and Trademark Office (â€œUSPTOâ€) granted Gilead Sciences patents in the US that may cover our compound bemnifosbuvir. If Gilead Sciences asserts either of these patents in an infringement suit, we may not be successful in convincing a trial court that the patent is invalid and unenforceable. In that circumstance, we would need to obtain a license from Gilead Sciences, which may not be available on reasonable terms, if at all. If a license is required and we are unable to obtain such license, commercialization of approved product candidates, if any, using bemnifosbuvir may not be able to continue without infringement. Smaller or early-stage companies may also prove to be significant competitors, particularly through collaborative arrangements with large and established companies. These competitors also compete with us in recruiting and retaining qualified clinical, regulatory, scientific, sales, marketing and management personnel and establishing clinical trial sites and patient registration for clinical trials, as well as in acquiring technologies complementary to, or necessary for, our programs. Our commercial opportunity could be reduced or eliminated if our competitors develop and commercialize products that are safer, more effective, have fewer or less severe side effects, are more convenient, or are less expensive than any products that we may develop or that would render any products that we may develop obsolete or noncompetitive, which would have a material adverse effect on our business and operations. The successful commercialization of our product candidates will depend in part on the extent to which governmental authorities and health insurers establish coverage, adequate reimbursement levels and pricing policies. Failure to obtain or maintain coverage and adequate reimbursement for our product candidates, if approved, could limit our ability to market those products and decrease our ability to generate product revenue. There is significant uncertainty related to the insurance coverage and reimbursement of newly approved products. Our ability to successfully commercialize our product candidates will depend in part on the extent to which coverage and adequate reimbursement for these products and related treatments will be available from government health administration authorities, private health insurers and other organizations. Government authorities and other third-party payors, such as private health insurers and health maintenance organizations, decide which medications they will pay for and establish reimbursement levels. The availability of coverage and extent of reimbursement by governmental and private payors is essential for most patients to be able to afford treatments. Third-party payors increasingly are challenging prices charged for pharmaceutical products and services, and many third-party payors may refuse to provide coverage and reimbursement for particular drugs and biologics when an equivalent generic drug, biosimilar or a less expensive therapy is available. It is possible that a third-party payor may consider our product candidates as substitutable and only offer to reimburse patients for the less expensive product. Even if we show improved efficacy or improved convenience of administration with our product candidates, pricing of existing third-party therapeutics may limit the amount we will be able to charge for our product candidates. These payors may deny or revoke the reimbursement status of a given product or establish prices for new or existing marketed products at levels that are too low to enable us to realize an appropriate return on our investment in our product candidates. If reimbursement is not available or is available only at limited levels, we may not be able to successfully commercialize our product candidates and may not be able to obtain a satisfactory financial return on our product candidates. In the US, third-party payors, including private and governmental payors, such as the Medicare and Medicaid programs, play an important role in determining the extent to which new drugs and biologics will be covered and reimbursed. The Medicare program is increasingly used as a model for how private and other governmental payors develop their coverage and reimbursement policies for new drugs. However, no uniform policy for 52 Â coverage and reimbursement for products exists among third-party payors in the US. Therefore, coverage and reimbursement for products can differ significantly from payor to payor. As a result, the coverage determination process is often a time-consuming and costly process that will require us to provide scientific and clinical support for the use of our product candidates to each payor separately, with no assurance that coverage and adequate reimbursement will be applied consistently or obtained in the first instance. Some third-party payors may require pre-approval of coverage for new or innovative drug therapies before they will reimburse healthcare providers who use such therapies. Furthermore, rules and regulations regarding reimbursement change frequently, in some cases on short notice, and we believe that changes in these rules and regulations are likely. We cannot predict at this time what third-party payors will decide with respect to the coverage and reimbursement for our product candidates. Outside the US, international operations are generally subject to extensive governmental price controls and other market regulations, and we believe the increasing emphasis on cost-containment initiatives in the EU and other jurisdictions have and will continue to put pressure on the pricing and usage of our product candidates. In many countries, the prices of medical products are subject to varying price control mechanisms as part of national health systems. Other countries allow companies to fix their own prices for medical products, but monitor and control company profits. Additional foreign price controls or other changes in pricing regulation could restrict the amount that we are able to charge for our product candidates. Accordingly, in markets outside the US, the reimbursement for our product candidates may be reduced compared with the US and may be insufficient to generate commercially reasonable revenue and profits. Moreover, increasing efforts by governmental and third-party payors in the US and abroad to cap or reduce healthcare costs may cause such organizations to limit both coverage and the level of reimbursement for newly approved products and, as a result, they may not cover or provide adequate payment for our product candidates. For example, the future value of the US HCV market may be impacted by payors obtaining additional discounts from manufacturers and by payor contracting dynamics. Individual state Medicaid agencies may enact HCV treatment subscription models where manufacturers provide unrestricted access to their antiviral medication for a capitated total price. Contract duration and restrictions of such agreements could impact the ability of the non-awarded HCV oral antivirals to compete. In addition, future US government sponsored HCV eradication initiatives could impact the HCV market opportunity. While future US government sponsored HCV programs could significantly expand the number of HCV infected patients being treated, it also could negatively impact market value and access to many HCV oral antivirals. We expect to experience pricing pressures in connection with the sale of our product candidates due to the presence of approved, and in the case of HCV, authorized generic, products already in many marketplaces, the trend toward managed healthcare, the increasing influence of health maintenance organizations and additional legislative changes resulting from legislative actions, including the IRA. The downward pressure on healthcare costs in general, particularly prescription drugs and biologics and surgical procedures and other treatments, has become intense. As a result, increasingly high barriers are being erected to the entry of new products. If we are unable to establish sales, marketing and distribution capabilities either on our own or in collaboration with third parties, we may not be successful in commercializing any of our product candidates, if approved, and we may not be able to generate any product revenue. We have limited personnel and limited infrastructure for the sales, marketing or distribution of products, and no experience as a company in commercializing a product candidate. The cost of building and maintaining such an organization may exceed the cost-effectiveness of doing so. Currently, we anticipate to establish our own commercial organization in the US to commercialize, together with a collaborator, our HCV product candidate, if approved. Outside the US, we anticipate to rely on a collaborator to commercialize our HCV product candidate if approved. We do not currently have any commercialization arrangements in place with any collaborator either within or outside the US and we may be unable to enter into acceptable arrangements to do so. There are significant expenses and risks involved with building our own sales, marketing and distribution capabilities, including our ability to hire, retain and appropriately incentivize qualified individuals, generate sufficient sales leads, provide adequate training to sales and marketing personnel, and effectively manage a geographically dispersed sales and marketing team. Any failure or delay in the development of our internal sales, marketing and distribution capabilities could delay the product launch, and adversely impact the commercialization of our product candidates, if approved. Additionally, if the commercial launch of our product candidates for which we recruit a sales force and establish marketing capabilities is delayed or does not occur for 53 Â any reason, we would have prematurely or unnecessarily incurred these commercialization expenses. This may be costly, and our investment would be lost if we cannot retain or reposition our sales and marketing personnel. Factors that may inhibit our efforts to commercialize our product candidates on our own include but are not limited to: â€¢our inability to recruit and retain adequate numbers of effective sales and marketing personnel; â€¢the inability of sales personnel to obtain access to physicians or persuade adequate numbers of physicians to prescribe our future products; â€¢our inability to equip medical and sales personnel with effective materials, including medical and sales literature to help them educate physicians and other healthcare providers regarding applicable diseases and our future products; â€¢the lack of complementary products to be offered by sales personnel, which may put us at a competitive disadvantage relative to companies with more extensive product lines; â€¢our inability to develop or obtain sufficient operational functions to support our commercial activities; and â€¢unforeseen costs and expenses associated with creating an independent sales and marketing organization. In those territories where we engage a collaborator to commercialize our products in whole or in part our sales will depend on the collaboratorâ€™s strategic interest in the product and such collaboratorâ€™s ability to successfully commercialize the product. If we are unable to build our own sales force or access a collaborative relationship for the commercialization of any of our product candidates, we may be forced to delay the potential commercialization of our product candidates or reduce the scope of our sales or marketing activities for such product candidates. If we elect to increase our expenditures to fund additional commercialization activities ourselves, we will need to obtain additional capital, which may not be available to us on acceptable terms, or at all. We could enter into arrangements with collaborative partners at an earlier stage than otherwise would

be ideal and we may be required to relinquish rights to any of our product candidates or otherwise agree to terms unfavorable to us, any of which may have an adverse effect on our business, operating results and prospects. If we are unable to establish adequate sales, marketing and distribution capabilities, either on our own or in collaboration with third parties, we will not be successful in commercializing our product candidates and may not become profitable and may incur significant additional losses. We will be competing with many companies, including large pharmaceutical companies, including Gilead Sciences and AbbVie in HCV, that have extensive and well-funded marketing and sales operations. Without a robust internal team or the support of third-parties to perform marketing and sales functions, we may be unable to compete successfully against these more established companies. In addition, even if we do establish adequate sales, marketing and distribution capabilities, the progress of general industry trends with respect to pricing models, supply chains and delivery mechanisms, among other things, could deviate from our expectations. If these or other industry trends change in a manner which we do not anticipate or for which we are not prepared, we may not be successful in commercializing our product candidates or become profitable. Our future growth may depend, in part, on our ability to penetrate foreign markets, where we would be subject to additional regulatory burdens and other risks and uncertainties. Our future profitability may depend, in part, on our ability to commercialize our product candidates in foreign markets for which we currently anticipate to rely on collaboration with third parties. We do not currently have any collaborator for the commercialization of any of our product candidates in foreign markets. We are evaluating the opportunities for the commercialization of our product candidates in foreign markets. Neither we or any third party with which we may collaborate is permitted to market or promote any of our product candidates before regulatory approval of such product candidate is received from the applicable regulatory authority in that foreign market, and such regulatory approval for any of our product candidates may never result. To obtain regulatory approvals in countries outside the US, it will be necessary to comply with numerous and varying regulatory requirements of such countries regarding the safety and efficacy of our product candidates and governing, among other things, clinical trials and commercial sales, pricing and distribution of our product candidates, and we cannot predict 54 Â success in these jurisdictions. If we obtain approval of our product candidates and ultimately commercialize our product candidates in foreign markets, we would be subject to additional risks and uncertainties, including but not limited to: â€¢our customersâ€™ ability to obtain reimbursement for our product candidates in foreign markets; â€¢our inability to directly control commercial activities of any third parties upon which we are relying; â€¢the burden of complying with complex and changing foreign regulatory, tax, accounting and legal requirements; â€¢different medical practices and customs in foreign countries affecting acceptance in the marketplace; â€¢import or export licensing requirements; â€¢our ability, or the ability of our collaborators, to supply our product candidates on a timely and large-scale basis in local markets; â€¢longer lead times for shipping which may necessitate local manufacture of our product candidates; â€¢language barriers for technical training and the need for language translations; â€¢reduced protection of patent and other intellectual property rights in some foreign countries; â€¢the existence of additional potentially relevant third-party intellectual property rights; â€¢longer accounts receivable collection times; â€¢foreign currency exchange rate fluctuations; and â€¢the interpretation of contractual provisions governed by foreign laws in the event of a contract dispute. Foreign sales of any product for which we obtain approval could also be adversely affected by the imposition of governmental controls, political and economic instability, trade restrictions and changes in tariffs. If any of our product candidates is approved for commercialization, we currently anticipate to selectively partner with third parties to market such product candidate both within and outside the US. If we or a collaborator market a product candidate outside the US, we expect that we will be subject to additional risks related to international pharmaceutical operations, including but not limited to: â€¢different regulatory requirements for drug approvals and rules governing drug commercialization in foreign countries; â€¢reduced protection for patent and other intellectual property rights; â€¢foreign reimbursement, pricing and insurance regimes; â€¢potential noncompliance with the US Foreign Corrupt Practices Act, the U.K. Bribery Act 2010 and similar anti-bribery and anticorruption laws in other jurisdictions; and â€¢production shortages resulting from any events affecting raw material supply or manufacturing capabilities abroad. As an organization, we have no prior experience in these areas. In addition, we will need to comply with complex regulatory, tax, labor and other legal requirements imposed by both the EU and many of the individual member states in the EU as well as in other global territories. Many US-based biotechnology and biopharmaceutical companies have found the process of marketing products outside of North America to be very challenging. Certain legal and political risks are also inherent in foreign operations without regard to whether these activities are conducted by us or by a collaborator. There is a risk that foreign governments may nationalize private enterprises in certain countries where we or any collaborator with which we are collaborating may operate. In certain countries or regions, terrorist activities and the response to such activities may threaten our operations or the operations of any collaborator to a greater degree than in the US. Social and cultural norms in certain countries may not support compliance with our corporate policies, including those that require compliance with substantive laws and regulations. Also, changes in general economic and political conditions in countries where we may operate are a risk to our financial performance and future growth. 55 Â Additionally, the need to identify financially and commercially strong partners for commercialization outside the US who will comply with the high manufacturing and legal and regulatory compliance standards we require is a risk to our financial performance. As we operate our business globally, our success will depend, in part, on our ability to anticipate and effectively manage these and other related risks. There can be no assurance that the consequences of these and other factors relating to our international operations will not have an adverse effect on our business, financial condition or results of operations. In many countries outside the US, particularly in the EU, the pricing of prescription pharmaceuticals is subject to governmental control. In these countries, pricing negotiations with governmental authorities can take considerable time after the receipt of marketing approval for a drug. To obtain reimbursement or pricing approval in some countries, we may be required to conduct clinical trials that compare the cost-effectiveness of our product candidates to other available therapies. If reimbursement of our products is unavailable or limited in scope or amount, or if pricing is set at unsatisfactory levels, our business could be harmed, possibly materially. Potential product liability lawsuits against us could cause us to incur substantial liabilities and limit commercialization of any products that we may develop. Currently, we face an inherent risk of product liability claims as a result of the testing our product candidates and we will face product liability risks if we, or a collaborator, commercialize any of our product candidates that are approved. Product liability claims might be brought against us by consumers, healthcare providers, pharmaceutical companies or others selling or otherwise coming into contact with our products. On occasion, large judgments have been awarded in class action lawsuits based on products that had unanticipated adverse effects. If we cannot successfully defend against product liability claims, we could incur substantial liability and costs, which may not be covered by insurance. In addition, regardless of merit or eventual outcome, product liability claims may result in: â€¢injury and impairment of our business reputation and significant negative media attention; â€¢withdrawal of participants from our clinical trials; â€¢initiation of investigations by regulators; â€¢significant costs to defend the claims and related litigation; â€¢distraction of managementâ€™s attention from our primary business; â€¢substantial monetary awards to patients or other claimants; â€¢inability to commercialize a product candidate; â€¢product recalls, withdrawals or labeling, marketing or promotional restrictions; â€¢exhaustion of any available insurance and our capital resources; â€¢decreased demand for a product candidate, if approved for commercial sale; and â€¢loss of revenue. Failure to obtain or retain sufficient product liability insurance at an acceptable cost to protect against potential product liability claims could prevent or inhibit the commercialization of products we develop, alone or with commercial collaborators. To date, we have not sought and do not yet have any experience securing product liability insurance for a product that is being commercialized. Currently, we have clinical trial insurance to cover the use of our product candidates in the clinical trials we are conducting. However, these insurance policies have various exclusions, and we may be subject to a product liability claim for which we have no coverage. We may have to pay any amounts awarded by a court or negotiated in a settlement that exceed our coverage limitations or that are not covered by our insurance, and we may not have, or be able to obtain, sufficient capital to pay such amounts. Even if our agreements with any future commercial collaborators entitle us to indemnification against product liability claims and associated losses, such indemnification may not be available or adequate should any claim or loss arise. Risks Related to Manufacturing and our Dependence on Third Parties We rely and expect to continue to rely on third parties for the manufacture of materials for our research programs, preclinical studies and clinical trials and we do not have long-term contracts with any of these parties. This reliance on third parties increases the risk that we will not have sufficient quantities of such materials or any product candidates that we may develop and, if approved, commercialize, or that such 56 Â supply will not be available to us at an acceptable cost, which could delay, prevent, or impair our development or commercialization efforts. We rely and expect to continue to rely on third parties for the manufacture of materials for our clinical trials, research activities and preclinical development. We expect to rely on third parties for commercial manufacture if any of our product candidates receive marketing approval. We do not currently have long-term agreements with any of the third-party manufacturers we currently use to provide preclinical and clinical trial materials, and we purchase any required materials on a purchase order basis. Certain of these manufacturers are critical to our production and the loss of these manufacturers, or an inability to obtain quantities at an acceptable cost or quality, could delay, prevent or impair our ability to timely conduct preclinical studies or clinical trials, and would materially and adversely affect our development and commercialization efforts. We may be unable to maintain or establish required agreements with third-party manufacturers or to do so on acceptable terms. Even if we are able to establish agreements with third-party manufacturers, reliance on third-party manufacturers entails additional risks, including but not limited to: â€¢the failure of the third-party to manufacture our product candidates according to our schedule, or at all, including if our third-party contractors give greater priority to the supply of other products over our product candidates or otherwise do not satisfactorily perform according to the terms of the agreements between us and them as a result of accidents, fire, loss of personnel, business decisions at or by the third-party manufacturer or otherwise; â€¢the reduction or termination of production or deliveries by suppliers, or the raising of prices or renegotiation of terms; â€¢the termination or nonrenewal of arrangements or agreements by our third-party contractors at a time that is costly or inconvenient for us; â€¢the breach by the third-party contractors of our agreements with them; â€¢the failure of third-party contractors to comply with applicable regulatory requirements; â€¢the failure of the third-party to manufacture our product candidates according to our specifications; â€¢the mislabeling of clinical supplies, potentially resulting in the wrong dose amounts being supplied or active drug or placebo not being properly identified; â€¢improper handling of clinical supplies, whether during transit or otherwise, impacting the quality of such clinical supplies leading to loss of GMP status and the resulting inability to use such clinical supplies in clinical trials which may result in clinical interruptions and delays in the commencement of planned clinical trials; â€¢clinical supplies not being delivered to clinical sites on time, leading to delays in the commencement of planned clinical trials or interruptions in ongoing clinical trials, or of drug supplies not being distributed to commercial vendors in a timely manner, resulting in lost sales; and â€¢the misappropriation or unauthorized disclosure of our intellectual property or other proprietary information, including our trade secrets and know-how. For ruzasvir, we have a sole supplier located in China for our active pharmaceutical ingredient, and for both ruzasvir and bemnifosbuvir, all suppliers of the regulatory starting materials for the respective manufacturing processes are located in China. We expect to continue to use such third-party manufacturers. Any disruption in production or inability of our manufacturers in China to produce adequate quantities to meet our needs, including as a result of a natural disaster, public health crises, trade disruptions, or changes in the US trade policies, could impair our ability to operate our business on a day-to-day basis and adversely impact our ability to continue the research and development of our product candidates. We do not have complete control over all aspects of the manufacturing process of, and are dependent on, our contract manufacturing partners for compliance with cGMP regulations and similar regulatory requirements for manufacturing both active drug substances and finished drug products. Third-party manufacturers may not be able to comply with cGMP regulations or similar regulatory requirements outside of the US. If our contract manufacturers cannot successfully manufacture material that conforms to our specifications and the strict regulatory requirements of the FDA and other applicable regulatory authorities, they will not be able to secure and/or maintain authorization for their manufacturing facilities. In addition, we do not have control over the ability of our contract manufacturers to maintain adequate quality control, quality assurance and qualified personnel. If 57 Â the FDA or a comparable foreign regulatory authority does not authorize these facilities for the manufacture of our product candidates or if it withdraws any such authorization in the future, we may need to find alternative manufacturing facilities, which would significantly impact our ability to develop, obtain marketing approval for or, if approved, market our product candidates. Our failure, or the failure of our third-party manufacturers, to comply with applicable regulations could result in sanctions being imposed on us, including fines, injunctions, civil penalties, delays, suspension or withdrawal of approvals, license revocation, seizures or recalls of product candidates or drugs, operating restrictions and criminal prosecutions, any of which could significantly and adversely affect supplies of our product candidates or drugs and harm our business and results of operations. Our third-party manufacturers may be unable to successfully scale up manufacturing of our product candidates in sufficient quality and quantity in a timely manner, if at all, which may impair the clinical advancement and commercialization of our product candidates. In order to conduct clinical trials of our product candidates and commercialize any approved product, our manufacturers need to manufacture them in large quantities. However, they may be unable to successfully increase the manufacturing capacity for any of our product candidates or products in a timely or cost-effective manner, or at all. In addition, quality issues may arise during scale-up activities. If we, or any manufacturers are unable to successfully scale up the manufacture of our product candidates in sufficient quality and quantity in a timely manner, the development, testing and clinical trials of these product candidates may be delayed or infeasible, and regulatory approval or commercial launch and sustained commercialization of any resulting products may be delayed or not obtained, which could significantly harm our business. Supply sources could be interrupted from time to time and, if interrupted, would disrupt our manufacturersâ€™ ability to manufacture our product candidates at the scale required. If we are unable to meet the clinical or commercial supply need for our product candidates, or to do so on commercially reasonable terms, we may not be able to develop our product candidates and commercialize our products successfully. We do not have multiple sources of supply for all of the components used in our product candidates, nor long-term supply contracts, and certain of our suppliers are critical to our production. If we were to lose a critical supplier, it could have a material adverse effect on our ability to complete the development of our product candidates. If we obtain regulatory approval for any of our product candidates, we would need to expand the supply of their components in order to commercialize them. We do not have multiple sources of supply for all of the components used in the manufacture of bemnifosbuvir or ruzasvir. For ruzasvir, we have a sole supplier located in China for our active pharmaceutical ingredient, and for both ruzasvir and bemnifosbuvir, all suppliers of the regulatory starting materials for the respective manufacturing processes are located in China. We do not have long-term supply agreements with any of our component suppliers. We may not be able to establish additional sources of supply for our product candidates, or may be unable to do so on acceptable terms. Manufacturing suppliers are subject to cGMP and comparable foreign quality standards and requirements covering manufacturing, testing, quality control and record keeping relating to our product candidates and subject to ongoing inspections by applicable regulatory authorities. Manufacturing suppliers are also subject to local, state and federal regulations and licensing requirements. Failure by any of our suppliers to comply with all applicable regulations and requirements may result in long delays and interruptions in supply. The number of suppliers of the components of our product candidates is limited. In the event it is necessary or desirable to acquire supplies from alternative suppliers, we might not be able to obtain them on commercially reasonable terms, if at all. It could also require significant time and expense to redesign our manufacturing processes to work with another manufacturer and redesign of processes can trigger the need for conducting additional clinical studies such as comparability or bridging studies. Additionally, certain of our suppliers are critical to our production, and the loss of these suppliers to one of our competitors or otherwise would materially and adversely affect our development and commercialization efforts. As part of any application for marketing approval, regulatory authorities generally conduct inspections that must be satisfactory prior to the approval of the product. Failure of manufacturing suppliers to successfully complete these regulatory inspections could result in delays or prevent the approval of our product candidates. In addition, if supply from the supplier of an approved product is interrupted, there could be a significant disruption in commercial supply. An alternative vendor would need to be qualified through a NDA amendment or supplement, which could result in further delay. The FDA or other regulatory authorities outside of the US may also require additional studies if a new supplier is relied upon for commercial production. Switching vendors may involve substantial costs and is likely to result in a delay in our desired clinical and commercial timelines. 58 Â If we are unable to obtain the supplies we need at a reasonable price or on a timely basis, it could have a material adverse effect on our ability to complete the development of our product candidates or, if we obtain regulatory approval for our product candidates, to commercialize them. We rely on third parties to conduct our preclinical studies and clinical trials. Any failure by a third-party to conduct the clinical trials according to GCPs and in a timely manner may delay or prevent our ability to seek or obtain regulatory approval for or commercialize our product candidates. We are dependent on third parties to conduct critical aspects of our Phase 2 clinical trial evaluating the combination of bemnifosbuvir and ruzasvir, our preclinical studies and our other clinical trials and we expect to rely on third parties to conduct future clinical trials and preclinical studies for our product candidates. Specifically, we have used and relied on, and intend to continue to use and rely on, medical institutions, clinical investigators, CROs and consultants to conduct our clinical trials in accordance with our clinical protocols and regulatory requirements. These CROs, investigators and other third parties play a significant role in the

conduct and timing of these trials and subsequent collection and analysis of data. While we have agreements governing the activities of our third-party contractors, we have limited influence over their actual performance. Nevertheless, we are responsible for ensuring that each of our clinical trials is conducted in accordance with the applicable protocol and legal, regulatory and scientific standards, and our reliance on the CROs and other third parties does not relieve us of our regulatory responsibilities. We and our CROs are required to comply with GCP requirements, which are regulations and guidelines enforced by the FDA and comparable foreign regulatory authorities for all of our product candidates in clinical development. Regulatory authorities enforce these GCPs through periodic inspections of trial sponsors, principal investigators and trial sites. If we or any of our CROs or trial sites fail to comply with applicable GCPs, the clinical data generated in our clinical trials may be deemed unreliable, and the FDA or comparable foreign regulatory authorities may require us to perform additional clinical trials before approving our marketing applications. We cannot assure you that upon inspection by a given regulatory authority, such regulatory authority will determine that any of our clinical trials or research activities complies with GCP regulations. In addition, our clinical trials must be conducted with product produced under cGMP or similar regulations outside the US. Our failure to comply with these regulations may require us to repeat clinical trials, which would delay the regulatory approval process. Any third parties conducting our clinical trials or preclinical studies are not and will not be our employees and, except for remedies available to us under our agreements with such third parties, we cannot guarantee that any such CROs, investigators or other third parties will devote adequate time and resources to such trials or perform as contractually required. If any of these third parties fail to meet expected deadlines, adhere to our clinical protocols or meet regulatory requirements, or otherwise performs in a substandard manner, our clinical trials may be extended, delayed or terminated. In addition, many of the third parties with whom we contract may also have relationships with other commercial entities, including our competitors, for whom they may also be conducting clinical trials or other drug development activities that could harm our competitive position. In addition, principal investigators for our clinical trials may serve as scientific advisors or consultants to us from time to time and may receive cash and cash equivalents or equity compensation in connection with such services. If these relationships and any related compensation result in perceived or actual conflicts of interest, or the FDA or foreign regulatory authorities conclude that the financial relationship may have affected the interpretation of the trial, the integrity of the data generated at the applicable clinical trial site may be questioned, and the utility of the clinical trial itself may be jeopardized, which could result in the delay or rejection of any NDA or similar applications we submit to the FDA or foreign regulatory authorities. Any such delay or rejection could prevent us from commercializing our product candidates. Our CROs have the right to terminate their agreements with us in the event of an uncured material breach. In addition, some of our CROs and substantially all our clinical trial sites have an ability to terminate their respective agreements with us if it can be reasonably demonstrated that the safety of the subjects participating in our clinical trials warrants such termination. If any of our relationships with these third parties terminate, we may not be able to enter into arrangements with alternative third parties or do so on commercially reasonable terms. Switching or adding additional CROs, investigators and other third parties involves additional cost and requires management time and focus. In addition, there is a natural transition period when a new CRO commences work. As a result, delays occur, which could materially impact our ability to meet our desired clinical development timelines. Though we carefully manage our relationships with our CROs, investigators and other third parties, there can be no assurance that we will not encounter challenges or delays in the future or that these delays or challenges will not have a material adverse impact on our business, financial condition and prospects. 59 Â We currently expect that we may collaborate with third parties in connection with the commercialization of our product candidates, if approved. We may not succeed in establishing and maintaining collaborative relationships, which may significantly limit our ability to develop and commercialize our product candidates successfully, if at all. For commercialization of any of our product candidates that may be approved, our current strategy includes the potential establishment of collaborative relationships with third parties. As a result of entering into collaborative arrangements with third parties, we would become dependent on the amount and timing of resources that our collaborators dedicate to the development or potential commercialization of any product candidates we may seek to develop or commercialize with them. Our ability to generate product revenue from any collaborations will depend on our collaboratorsâ€™ abilities to successfully perform the functions assigned to them. We cannot predict the success of any collaboration that we enter into. Collaborations involving our product candidates involve many risks, including: â€¢collaborators generally have significant discretion in determining the efforts and resources that they will apply to these collaborations; â€¢collaborators may not properly obtain, maintain, enforce or defend intellectual property or proprietary rights relating to our product candidates or may use our proprietary information inappropriately or in such a way as to expose us to potential litigation or other intellectual property-related proceedings, including proceedings challenging the scope, ownership, validity and enforceability of our intellectual property; â€¢collaborators may own or co-own intellectual property rights covering our product candidates that result from our collaboration with them, and in such cases, we may not have the exclusive right to commercialize such intellectual property or such product candidates; â€¢disputes may arise with respect to the ownership of intellectual property developed pursuant to collaborations; â€¢we may need the cooperation of our collaborators to enforce or defend any intellectual property we contribute to or that arises out of our collaborations, which may not be provided to us; â€¢collaborators may infringe, misappropriate or otherwise violate the intellectual property rights of third parties, which may expose us to litigation and potential liability; â€¢disputes may arise between the collaborators and us that result in the delay or termination of the research, development or commercialization of our product candidates or that result in costly litigation or arbitration that diverts management attention and resources; â€¢collaborators may terminate the collaboration, and, as a result, we may not be able to develop a product candidate or we will have to use our own clinical resources and capital to continue development of the product candidates; â€¢collaborators may decide not to pursue development and commercialization of any product candidates we develop or may elect not to continue or renew development or commercialization programs based on clinical trial results, changes in the collaboratorâ€™s strategic focus or available funding or external factors, such as an acquisition that diverts resources or creates competing priorities; â€¢collaborators may delay clinical trials, provide insufficient funding for a clinical trial, stop a clinical trial or abandon a product candidate, repeat or conduct new clinical trials, or require a new formulation of a product candidate for clinical testing; â€¢collaborators could independently develop, or develop with third parties, products that compete directly or indirectly with our product candidates if the collaborators believe that competitive products are more likely to be successfully developed or can be commercialized under terms that are more economically attractive; â€¢collaborators with marketing and distribution rights to one or more product candidates may not commit sufficient resources to the marketing and distribution of such product candidates; â€¢we may lose certain valuable rights under circumstances identified in our collaborations, including if we undergo a change of control; 60 Â â€¢collaborators may undergo a change of control and the new owners may decide to take the collaboration in a direction that is not in our best interest; â€¢collaborators may become party to a business combination transaction and the continued pursuit and emphasis on our development or commercialization program by the resulting entity under our existing collaboration could be delayed, diminished or terminated; â€¢collaborators may become bankrupt, which may significantly delay our research or development programs, or may cause us to lose access to valuable technology, devices, materials, know-how or intellectual property of the collaborator relating to our product candidates; â€¢key personnel at our collaborators may leave, which could negatively impact our ability to productively work with our collaborators; â€¢collaborations may require us to incur short- and long-term expenditures, issue securities that dilute our stockholders, or disrupt our management and business; â€¢collaborations may be terminated which may result in a need for additional capital to pursue further development or commercialization or result in delays to development or commercialization of the applicable product candidates; and â€¢collaboration agreements may not lead to development or commercialization of product candidates in the most efficient manner or at all. We may face significant competition in seeking appropriate collaborations. Business combinations among biopharmaceutical and pharmaceutical companies have resulted in a reduced number of potential collaborators. In addition, the negotiation process is time-consuming and complex, and we may not be able to negotiate collaborations on a timely basis, on acceptable terms, or at all. If we are unable to do so, we may have to curtail the development of the product candidate for which we are seeking to collaborate or delay its potential commercialization or reduce the scope of any sales, marketing or distribution activities, or increase our expenditures and undertake development, manufacture or commercialization activities at our own expense. If we elect to increase our expenditures to fund development, manufacture or commercialization activities on our own, we may need to obtain additional capital, which may not be available to us on acceptable terms or at all. If we do not have sufficient funds, we may not be able to further develop product candidates or bring them to market and generate product revenue. If we enter into collaborations to develop, manufacture and potentially commercialize any product candidates, we may not be able to realize the benefit of such transactions if we or our collaborator elect not to exercise the rights granted under the agreement or if we or our collaborator are unable to successfully integrate a product candidate into existing operations. In addition, if our agreement with any of our collaborators terminates, our access to technology and intellectual property licensed to us by that collaborator may be restricted or terminate entirely, which may delay our continued development of our product candidates utilizing the collaboratorâ€™s technology or intellectual property or require us to stop development of those product candidates completely. For example, if the license agreement with Merck was terminated, we would be required to discontinue the development, manufacture and commercialization of ruzasvir in combination with bemnifosbuvir, our lead product candidate for the treatment of HCV, unless we could enter into another agreement with Merck potentially on terms less favorable to us. We may also find it more difficult to find a suitable replacement collaborator or attract new collaborators, and our development programs may be delayed or the perception of us in the business and financial communities could be adversely affected. Any collaborator may also be subject to many of the risks relating to product development, regulatory approval, and commercialization described in this â€œRisk Factorsâ€ section, and any negative impact on our collaborators may adversely affect us. Data provided by collaborators and others upon which we rely that have not been independently verified could turn out to be false, misleading or incomplete. We rely on third-party vendors, such as CROs, CMOs, investigators, scientists and other service providers to provide us with significant data and other information related to our programs, preclinical studies or clinical trials and our business. If such third parties provide inaccurate, misleading or incomplete data, our business, prospects and results of operations could be materially adversely affected. Our employees and independent contractors, including principal investigators, CROs, consultants, vendors and any third parties we may engage in connection with research, development, regulatory, manufacturing, quality assurance and other pharmaceutical functions and commercialization may engage 61 Â in misconduct or other improper activities, including noncompliance with regulatory standards and requirements, which could have a material adverse effect on our business. Misconduct by our employees and independent contractors, including principal investigators, CROs, consultants, vendors and any third parties we may engage in connection with research, development, regulatory, manufacturing, quality assurance and other pharmaceutical functions and commercialization, could include intentional, reckless or negligent conduct or unauthorized activities that violate: (i) the laws and regulations of the FDA, and other similar regulatory authorities, including those laws that require the reporting of true, complete and accurate information to such authorities; (ii) manufacturing standards; (iii) data privacy, security, anti-corruption, fraud and abuse and other healthcare laws and regulations; or (iv) laws that require the reporting of true, complete and accurate financial information and data. Specifically, sales, marketing and business arrangements in the healthcare industry are subject to extensive laws and regulations intended to prevent fraud, misconduct, kickbacks, self-dealing and other abusive practices. These laws and regulations may restrict or prohibit a wide range of pricing, discounting, marketing and promotion, sales commission, customer incentive programs and other business arrangements. Activities subject to these laws could also involve the improper use or misrepresentation of information obtained in the course of preclinical studies or clinical trials, creation of fraudulent data in preclinical studies or clinical trials or illegal misappropriation of drug product, which could result in regulatory sanctions and cause serious harm to our reputation. It is not always possible to identify and deter misconduct by employees and other third parties, and the precautions we take to detect and prevent this activity may not be effective in controlling unknown or unmanaged risks or losses or in protecting us from governmental investigations or other actions or lawsuits stemming from a failure to comply with such laws or regulations. Additionally, we are subject to the risk that a person or government could allege such fraud or other misconduct, even if none occurred. If any such actions are instituted against us, and we are not successful in defending ourselves or asserting our rights, those actions could have a significant impact on our business and results of operations, including the imposition of significant civil, criminal and administrative penalties, damages, monetary fines, disgorgements, possible exclusion from participation in Medicare, Medicaid, other US federal healthcare programs or healthcare programs in other jurisdictions, integrity oversight and reporting obligations to resolve allegations of non-compliance, individual imprisonment, other sanctions, contractual damages, reputational harm, diminished profits and future earnings, and curtailment of our operations. If our CMOs and CROs use hazardous materials in a manner that causes injury or violates applicable law, we may be liable for damages. Our research and development activities involve the controlled use of potentially hazardous substances, including chemical materials by our CMOs and medical and biological materials by our CROs. Our CMOs and CROs are subject to federal, state and local laws and regulations in the US and in the countries in which they operate governing the use, manufacture, storage, handling and disposal of hazardous materials. Although we believe that our CMOsâ€™ and CROsâ€™ procedures for using, handling, storing and disposing of these materials comply with legally prescribed standards, we cannot completely eliminate the risk of contamination or injury resulting from chemical, medical, biological or other potentially hazardous materials. As a result of any such contamination or injury, we may incur liability or local, city, state or federal authorities may curtail the use of these materials and interrupt our business operations. In the event of an accident, we could be held liable for damages or penalized with fines, and the liability could exceed our resources. Generally, we do not have any insurance for liabilities arising from the improper handling of chemical, medical, biological or other potentially hazardous materials. Compliance with applicable environmental laws and regulations is expensive, and current or future environmental regulations may impair our research, development and production efforts, which could harm our business, prospects, financial condition or results of operations. Risks Related to Intellectual Property If we are unable to obtain, maintain, enforce and adequately protect our intellectual property rights with respect to our technology and product candidates, or if the scope of the patent or other intellectual property protection obtained is not sufficiently broad, our competitors could develop and commercialize technology and products similar or identical to ours, and our ability to successfully develop and commercialize our technology and product candidates may be adversely affected. We rely upon a combination of patents, trade secret protection and confidentiality agreements to protect our intellectual property and prevent others from duplicating AT-511 (the free base of bemnifosbuvir), bemnifosbuvir and our in-licensed compound ruzasvir and their use or manufacture, or any of our other pipeline product candidates and any future product candidates. Our success depends in large part on our ability to obtain and maintain patent protection in the US and other countries with respect to such product candidates. 62 Â The patent prosecution process is expensive, time-consuming, and complex, and we may not be able to file, prosecute, maintain, enforce, or license all necessary or desirable patents or patent applications at a reasonable cost or in a timely manner. Although we enter into confidentiality agreements with parties who have access to confidential or patentable aspects of our research and development output, such as our employees, CROs, consultants, scientific advisors and other contractors, any of these parties may breach the agreements and disclose such output before a patent application is filed, thereby jeopardizing our ability to seek patent protection. In addition, publications of discoveries in the scientific literature often lag behind the actual discoveries, and patent applications in the US and other jurisdictions are typically not published until 18 months after filing, and some remain so until issued. Therefore, we cannot be certain that we were the first to make the inventions claimed in our patents or pending patent applications, or that we were the first to file any patent application related to an invention or product candidate. Further, if we encounter delays in regulatory approvals, the period of time during which we could market a product candidate under patent protection could be reduced. The strength of patents in the pharmaceutical field involves complex legal, factual and scientific questions and can be uncertain. It is possible that we will fail to identify patentable aspects of our research and development output before it is too late to obtain patent protection. The patent applications that we own may fail to result in issued patents with claims that cover our product candidates in the US or in other foreign countries. There is no assurance that all of the potentially relevant prior art relating to our patents and patent applications has been found, which can invalidate a patent or prevent a patent from issuing from a pending patent application. Even if patents do successfully issue and even if such patents cover our product candidates, third parties may challenge the inventorship, ownership, validity, enforceability or scope of such patents, which may result in such patents being narrowed or invalidated, or being held unenforceable. Our pending and future patent applications may not result in patents being issued which protect our technology or product candidates or which effectively prevent others from commercializing competitive technologies and product candidates. Additionally, any US provisional patent application that we file is not eligible to become an issued patent until, among other things, we file a non-provisional patent application within 12 months of filing the related provisional patent application. If we do not timely file any non-provisional patent application, we may lose our priority date with respect to the provisional patent application and any patent protection on the inventions disclosed in the provisional patent application. Furthermore, even if they are unchallenged, our patents and patent applications may not adequately protect our intellectual property, provide exclusivity for our product candidates or prevent others from designing around our claims. In addition, no assurances

can be given that third parties will not create similar or alternative products or methods that achieve similar results without infringing upon our patents. Any of these outcomes could impair our ability to prevent competition from third parties, which may have an adverse impact on our business. If the patent applications we hold with respect to our programs or product candidates fail to issue, if the breadth or strength of protection of our current or future issued patents is threatened, or if they fail to provide meaningful exclusivity for our product candidates, it could dissuade companies from collaborating with us to develop product candidates, or threaten our ability to commercialize our current or future product candidates. Several patent applications covering our product candidates have been filed recently by us. We cannot offer any assurances about which, if any, will result in issued patents, the breadth of any such patents or whether any issued patents will be found invalid or unenforceable or will be threatened by third parties. Any successful opposition to these patents or any other patents owned by us could deprive us of rights necessary for the successful commercialization of any product candidates that we may develop. The issuance of a patent is not conclusive as to its inventorship, ownership, scope, validity or enforceability, and our patents may be challenged in courts or patent offices in the US and abroad. In addition, the issuance of a patent does not give us the right to practice the patented invention, as third parties may have blocking patents that could prevent us from marketing our product candidate, if approved, or practicing our own patented technology. Wide-ranging patent reform legislation in the US, including the Leahy-Smith America Invents Act of 2011 (â€œLeahy-Smith Actâ€), may increase the uncertainty of the strength or enforceability of our intellectual property and the cost to defend it. The Leahy-Smith Act includes a number of significant changes to US patent law, including provisions that affect the way patent applications are prosecuted and also affect patent litigation. Under the Leahy-Smith Act, the US transitioned from a â€œfirst-to-inventâ€ to a â€œfirst-to-fileâ€ system for deciding which party should be granted a patent when two or more patent applications are filed by different parties claiming the same invention. This will require us to be prompt going forward during the time from invention to filing of a patent application and to be diligent in filing patent applications, but circumstances could prevent us from promptly filing or prosecuting patent applications on our inventions. The Leahy-Smith Act also enlarged the scope of disclosures that qualify as prior art. Furthermore, if a third-party filed a patent application before effectiveness of applicable provisions of the 63 Â Leahy-Smith Act, on March 16, 2013, an interference proceeding in the US can be initiated by a third-party to determine if it was the first to invent any of the subject matter covered by the claims of our patent applications. We may also be subject to a third-party preissuance submission of prior art to the USPTO. The Leahy-Smith Act created for the first time new procedures to challenge issued patents in the US, including post-grant review, inter partes review and derivation proceedings, which are adversarial proceedings conducted at the USPTO, which some third parties have been using to cause the cancellation of selected or all claims of issued patents of competitors. For a patent with a priority date of March 16, 2013 or later, which all of our patent filings have, a petition for post-grant review can be filed by a third-party in a nine-month window from issuance of the patent. A petition for inter partes review can be filed immediately following the issuance of a patent if the patent was filed prior to March 16, 2013. A petition for inter partes review can be filed after the nine-month period for filing a post-grant review petition has expired for a patent with a priority date of March 16, 2013 or later. Post-grant review proceedings can be brought on any ground of challenge, whereas inter partes review proceedings can only be brought to raise a challenge based on published prior art. These adversarial actions at the USPTO include review of patent claims without the presumption of validity afforded to US patents in lawsuits in US federal courts. The USPTO issued a final rule effective November 13, 2018 announcing that it will now use the same claim construction standard currently used in the US federal courts to interpret patent claims in USPTO proceedings, which is the plain and ordinary meaning of words used. If any of our patents are challenged by a third-party in such a USPTO proceeding, there is no guarantee that we will be successful in defending the patent, which would result in a loss of the challenged patent right to us, including loss of exclusivity, or in patent claims being narrowed, invalidated, or held unenforceable, which could limit our ability to stop others from using or commercializing similar or identical technology and products, or limit the duration of the patent protection of our technology and product candidates. Such proceedings also may result in substantial cost and require significant time from our scientists and management, even if the eventual outcome is favorable to us. As a result of all of the foregoing, the issuance, scope, validity, enforceability and commercial value of our patent rights are highly uncertain, which could have a material adverse effect on our business, financial condition, results of operations, and prospects. Third-party claims of intellectual property infringement, misappropriation or other violation may result in substantial costs or prevent or delay our development and commercialization efforts. Our commercial success depends in part on our avoiding actual and allegations of infringement, misappropriation or other violation of the patents and other proprietary rights of third parties. There is a substantial amount of litigation, both within and outside the US, involving patent and other intellectual property rights in the pharmaceutical industry, including patent infringement lawsuits, interferences, oppositions, re-examination, and post-grant and inter partes review proceedings before the USPTO and similar proceedings in foreign jurisdictions, such as oppositions before the EPO. Numerous US and foreign issued patents and pending patent applications, which are owned by third parties, exist in the fields in which we are pursuing development candidates. Many companies in intellectual property-dependent industries, including the pharmaceutical industry, have employed intellectual property litigation as a means to gain an advantage over their competitors. As the pharmaceutical industry expands and more patents are issued, and as third parties become more aware of our product pipeline, the risk increases that our product candidates may be subject to claims of infringement of the patent rights of third parties. For example, in March 2021, Gilead Sciences first presented a patent claim to the USPTO that purports to cover bemnifosbuvir. On May 9, 2023, the USPTO issued US Patent No. 11,642,361 (â€œâ€˜361 patentâ€) with an amended claim (â€œClaimâ€) to Gilead Sciences that still purports to cover bemnifosbuvir. We believe that the â€˜361 patent, if valid and enforceable, will expire in mid-2028. On August 7, 2023, we filed a Post Grant Review Petition with the USPTO Patent Trial and Appeal Board (â€œPTABâ€), challenging the issuance of the Claim to Gilead Sciences, on the basis that the Claim is not supported by the written description of the â€˜361 patent and that the â€˜361 patent does not have an enabling disclosure for the Claim. In February 2024, the PTAB declined to exercise its discretion to institute the post grant proceeding. This decision by the PTAB not to exercise its discretion does not stop us from making the same or similar arguments, or additional arguments, nor from bringing the same or new evidence of invalidity or unenforceability in court if Gilead Sciences files an infringement suit. However, while we believe this Claim is invalid and unenforceable, a trial court or an appellate court may disagree and uphold the Claim of the '361 patent, which would require us to obtain a license from Gilead Sciences to the â€˜361 patent. Such a license may not be available on reasonable terms or at all. If a license is required and we are unable to obtain such license, commercialization of approved product candidates, if any, using bemnifosbuvir may not be able to continue without infringement. 64 Â On October 22, 2024, the USPTO issued U.S. Patent No. 12,121,529 (â€œ â€˜529 patentâ€) to Gilead Sciences with claims that also purport to cover bemnifosbuvir. While we believe these claims are also invalid and unenforceable, a trial court or an appellate court may disagree and uphold one or more claims of the '529 patent, which would require us to obtain a license from Gilead Sciences to the â€˜529 patent. Such a license may not be available on reasonable terms or at all. If a license is required and we are unable to obtain such license, commercialization of approved product candidates, if any, using bemnifosbuvir may not be able to continue without infringement. Third party claimants may have substantially greater resources than we do and may be able to sustain the costs of complex intellectual property litigation to a greater degree and for longer periods of time than we could. In addition, patent holding companies that focus solely on extracting royalties and settlements by enforcing patent rights may target us. Third parties may assert that we are employing their proprietary technology without authorization. There may be third-party patents or patent applications with claims to composition of matter, drug delivery, methods of manufacture or methods for treatment related to the use or manufacture of our product candidates. We cannot guarantee that our technologies, products, compositions and their uses do not or will not infringe, misappropriate or otherwise violate third-party patent or other intellectual property rights. Because patent applications can take many years to issue, there may be currently pending patent applications which may later result in issued patents that our product candidates may infringe. In addition, third parties may obtain patents in the future and claim that use of our technologies infringes upon these patents. Pending patent applications that have been published can, or subject to certain limitations, later present claims in a manner that could cover our product candidates or the use of our product candidates. After issuance, the scope of patent claims remains subject to construction as determined by an interpretation of the law, the written disclosure in a patent and the patentâ€™s prosecution history. Our interpretation of the relevance or the scope of a patent or a pending application may be incorrect, which may negatively impact our ability to market our product candidates. In order to successfully challenge the validity of a US patent, we would need to initiate an action either in federal court or at the PTAB. An action brought before the PTAB must be timely submitted within nine months of the issuance of the patent we are seeking to challenge. In either a PTAB or federal court proceeding, there is no assurance that the PTAB or a court of competent jurisdiction would invalidate the claims of any such US patent or, if a PTAB decision is appealed, that a federal court would uphold a PTAB determination of invalidity. If any third-party patents were held by a court of competent jurisdiction to cover the composition of matter of any of our product candidates, the manufacturing process of any of our product candidates or the method of use for any of our product candidates, the holders of any such patents may be able to block our ability to commercialize such product candidate unless we obtain a license under the applicable patents, which may not be available at all or on commercially reasonable terms, or until such patents expire. Litigation and contested proceedings can be expensive and time-consuming, and our adversaries in these proceedings may have the ability to dedicate greater resources to prosecuting these legal actions than we can. The risks of being involved in such litigation and proceedings may increase if and as our product candidates near commercialization and as we gain the greater visibility associated with being a public company. Third parties may assert infringement claims against us based on existing patents or patents that may be granted in the future, regardless of the merit of such claims. We may not be aware of all intellectual property rights potentially relating to our technology and product candidates and their uses, or we may incorrectly conclude that third-party intellectual property is invalid or that our activities and product candidates do not infringe, misappropriate or otherwise violate such intellectual property. Thus, we do not know with certainty that our technology and product candidates, or our development and commercialization thereof, do not and will not infringe, misappropriate or otherwise violate any third-partyâ€™s intellectual property. Parties making claims against us may obtain injunctive or other equitable relief, which could if granted effectively block our ability to further develop and commercialize one or more of our product candidates and/or harm our reputation and financial results. Defense of these claims, regardless of their merit, could involve substantial litigation expense and could be a substantial diversion of management and employee resources from our business. In addition, there could be public announcements of the results of hearings, motions, or other interim proceedings or developments, and if securities analysts or investors perceive these results to be negative, it could have a substantial adverse effect on the price of our common stock. In the event of a successful claim of infringement against us, we may have to pay substantial damages, including treble damages and attorneysâ€™ fees for willful infringement, pay royalties, redesign our infringing products, in the case of claims concerning registered trademarks, rename our product candidates, or obtain one or more licenses from third parties, which may require substantial time and monetary expenditure, and which might be impossible or technically infeasible. Furthermore, we may not be able to obtain any required license on commercially reasonable terms or at all. Even if we were 65 Â able to obtain a license, it could be non-exclusive, thereby giving our competitors and other third parties access to the same technologies licensed to us; alternatively or additionally it might include terms that impede or destroy our ability to compete successfully in the commercial marketplace. Any of the foregoing could have a material adverse effect on our business, financial condition, results of operations, and prospects. A number of companies and universities file and obtain patents in the same area as our products, which are nucleotide prodrugs, and these patent filings could be asserted against us, which may affect our business, and if successful, could lead to expensive litigation, affect the profitability of our products and/or prohibit the sale of a product or its use. Our product candidates are predominantly nucleotide prodrugs, or nucleotide phosphoramidates. A number of companies and universities have patent applications and issued patents in this general area, including for viral indications, such as, for example, Gilead Pharmasset, LLC; Gilead Sciences; Merck & Co.; Bristol Myers Squibb; Roche; University of Cardiff; University College Cardiff Consultants; NuCana, plc; Janssen Pharmaceutical Companies; Medivir AB; and others. If any of these companies or universities, or others, assert that a patent it holds is infringed by any of our product candidates or their use or manufacture, we may be drawn into expensive litigation, which may affect our business, take the time of and distract the attention of our employees, and if the litigation is successful, could affect the profitability of our products or prohibit their sale. For example, we note that Gilead Sciences has obtained the U.S. '361 patent that includes a Claim that purportedly covers bemnifosbuvir. We requested the PTAB Board to institute a post grant review of this patent and it declined to exercise its discretion to do so. This decision to decline to exercise its discretion does not stop us from making the same or similar arguments, or additional arguments, nor from bringing the same or new evidence of invalidity or unenforceability in court if Gilead Sciences files an infringement suit. While we believe this Claim is invalid and unenforceable, a trial court or an appellate court may disagree and uphold the Claim of the '361 patent, which would require us, to obtain a license from Gilead Sciences to the â€˜361 patent. Such a license may not be available on reasonable terms or at all. On October 22, 2024, Gilead Sciences obtained U.S. â€˜529 patent with claims that also purport to cover bemnifosbuvir. While we believe these claims are also invalid and unenforceable, a trial court or an appellate court may disagree and uphold one or more claims of the '529 patent, which would require us to obtain a license from Gilead Sciences to the â€˜529 patent. Such a license may not be available on reasonable terms or at all. Our products are subject to The Drug Price Competition and Patent Term Restoration Act of 1984, as amended (also referred to as the Hatch-Waxman Act), in the US, that can increase the risk of litigation with generic companies trying to sell our products, and may cause us to lose patent protection. Because our clinical candidates are pharmaceutical molecules reviewed by the Center for Drug Evaluation and Research of the FDA, after commercialization they will be subject in the US to the patent litigation process of the Hatch-Waxman Act, as currently amended, which allows a generic company to submit an Abbreviated New Drug Application ("ANDA") to the FDA to obtain approval to sell our drug using bioequivalence data only. Under the Hatch-Waxman Act, we will have the opportunity to list our patents that cover our drug product or its method of use in the FDAâ€™s compendium of â€œApproved Drug Products with Therapeutic Equivalence Evaluation,â€ sometimes referred to as the FDAâ€™s Orange Book. Currently, in the US, the FDA may grant up to five years of exclusivity for new chemical entities (â€œNCEsâ€) for which all of our products may qualify. An NCE is a drug that contains no active moiety that has been approved by the FDA in any other NDA. A generic company can submit an ANDA to the FDA four years after approval of our product. The submission of an ANDA by a generic company is considered a technical act of patent infringement. The generic company can certify that it will wait until the natural expiration date of our listed patents to sell a generic version of our product or can certify that one or more of our listed patents are invalid, unenforceable or not infringed. If the latter, we will have 45 days to bring a patent infringement lawsuit against the generic company. This will initiate a challenge to one or more of our Orange Book-listed patents based on arguments from the generic company that our listed patents are invalid, unenforceable or not infringed. Under the Hatch-Waxman Act, if a lawsuit is brought, the FDA is prevented from issuing a final approval on the generic drug until 30 months after the end of our data exclusivity period, or a final decision of a court holding that our asserted patent claims are invalid, unenforceable or not infringed. If we do not properly list our relevant patents in the Orange Book, do not timely file a lawsuit in response to a certification from a generic company under an ANDA, or if we do not prevail in the resulting patent litigation, we can lose our proprietary protection, and our product can rapidly become generic. Further, even if we do correctly list our relevant patents in the Orange Book, bring a lawsuit in a timely manner and prevail in that lawsuit, the generic litigation may be at a very significant cost to us 66 Â of attorneysâ€™ fees and employee time and distraction over a long period. Further, it is common for more than one generic company to try to sell an innovator drug at the same time, and so we may be faced with the cost and distraction of multiple lawsuits. We may also determine it is necessary to settle the lawsuit in a manner that allows the generic company to enter our market prior to the expiration of our patent or otherwise in a manner that adversely affects the strength, validity or enforceability of our patent. A number of pharmaceutical companies have been the subject of intense review by the FTC or a corresponding agency in another country based on how they have conducted or settled drug patent litigation, and certain reviews have led to an allegation of an antitrust violation, sometimes resulting in a fine or loss of rights. We cannot be sure that we would not also be subject to such a review or that the result of the review would be favorable to us, which could result in a fine or penalty. The FTC has brought a number of lawsuits in federal court in the past few years to challenge Hatch-Waxman Act ANDA litigation settlements between innovator companies and generic companies as anti-competitive. As an example, the FTC has taken an aggressive position that anything of value is a payment, whether money is paid or not. Under its approach, if an innovator as part of a patent settlement agrees not to launch or delay launch of an authorized generic during the 180-day period granted to the first generic company to challenge an Orange Book-listed patent covering an innovator drug, or negotiates a delay in entry without payment, the FTC may consider it an unacceptable reverse payment. The pharmaceutical industry argues that such agreements are rational business decisions to dismiss risk and are immune from antitrust attack if the terms of the settlement are within the scope of the exclusionary potential of the patent. In 2013, the US Supreme Court, in a five-to-three decision in FTC v. Actavis, Inc., rejected both the pharmaceutical industryâ€™s and FTCâ€™s arguments with regard to so-called reverse payments, and held that whether a â€œreverse paymentâ€ settlement involving the exchange of consideration for a delay in entry is subject to an anticompetitive analysis depends on five

considerations: (a) the potential for genuine adverse effects on competition; (b) the justification of payment; (c) the patenteeâ€™s ability to bring about anticompetitive harm; (d) whether the size of the payment is a workable surrogate for the patentâ€™s weakness; and (e) that antitrust liability for large unjustified payments does not prevent litigating parties from settling their lawsuits, for example, by allowing the generic to enter the market before the patent expires without the patenteeâ€™s paying the generic. Furthermore, whether a reverse payment is justified depends upon its size, its scale in relation to the patenteeâ€™s anticipated future litigation costs, its independence from other services for which it might represent payment, as was the case in Actavis, and the lack of any other convincing justification. The Court held that reverse payment settlements can potentially violate antitrust laws and are subject to the standard antitrust rule-of-reason analysis, with the burden of proving that an agreement is unlawful on the FTC, leaving to lower courts the structuring of such rule of reason analysis. If we are faced with drug patent litigation, including Hatch-Waxman Act litigation with a generic company, we could be faced with such an FTC challenge based on that activity, including how or whether we settle the case, and even if we strongly disagree with the FTCâ€™s position, we could face a significant expense or penalty. Patent terms may be inadequate to protect our competitive position on our products for an adequate amount of time. The term of any individual patent depends on applicable law in the country where the patent is granted. In the US, provided all maintenance fees are timely paid, a patent generally has a term of 20 years from its application filing date or earliest claimed non-provisional filing date. Extensions may be available under certain circumstances, but the life of a patent and, correspondingly, the protection it affords is limited. Given the amount of time required for the development, testing and regulatory review of new product candidates, patents protecting such candidates might expire before or shortly after such candidates are commercialized. For patents that are eligible for extension of patent term, we expect to seek extensions of patent terms in the US and, if available, in other countries, however there can be no assurance that we will be granted any patent term extension we seek, or that any such patent term extension will provide us with any competitive advantage. The Hatch-Waxman Act in the US provides for the opportunity to seek a patent term extension on one selected patent for each of our products, and the length of that patent term extension, if at all, is subject to review and approval by the USPTO and the FDA. In the US, the Hatch-Waxman Act permits one patent term extension of up to five years beyond the normal expiration of one patent per product, which if a method of treatment patent, is limited to the approved indication (or any additional indications approved during the period of extension). The length of the patent term extension is typically calculated as one half of the clinical trial period plus the entire period of time during the review of the NDA by the FDA, minus any time of delay by us during these periods. There is also a limit on the patent term extension to a term that is no greater than fourteen years from drug approval. Therefore, if we select and are 67 Â granted a patent term extension on a recently filed and issued patent, we may not receive the full benefit of a possible patent term extension, if at all. We might also not be granted a patent term extension at all, because of, for example, failure to apply within the applicable period, failure to apply prior to the expiration of relevant patents or otherwise failure to satisfy any of the numerous applicable requirements. Moreover, the applicable authorities, including the FDA and the USPTO in the US, and any equivalent regulatory authorities in other countries, may not agree with our assessment of whether such extensions are available, may refuse to grant extensions to our patents, or may grant more limited extensions than we request. If this occurs, our competitors may be able to obtain approval of competing products following our patent expiration by referencing our clinical and preclinical data and launch their product earlier than might otherwise be the case. If this were to occur, it could have a material adverse effect on our ability to generate product revenue. In 1997, as part of the Food & Drug Administration Modernization Act, (â€œFDAMAâ€), Congress enacted a law that provides incentives to drug manufacturers who conduct studies of drugs in children. The law, which provides six months of exclusivity in return for conducting pediatric studies in response to a written request from the FDA, is referred to as the pediatric exclusivity provision. If clinical studies are carried out by us that comply with a written request from the FDA, we may receive an additional six-month term added to any regulatory data exclusivity period or remaining patent term on our product. However, if we choose not to carry out such pediatric studies, we would not receive this six-month extension. In Europe, supplementary protection certificates are available to extend a patent term up to five years to compensate for patent term lost during regulatory review, and can be extended for an additional six months if data from clinical trials is obtained in accordance with an agreed-upon pediatric investigation plan. Although all countries in Europe must provide supplementary protection certificates, there is no unified legislation among European countries and so supplementary protection certificates must be applied for and granted on a country-by-country basis. This can lead to a substantial cost to apply for and receive these certificates, which may vary among countries or not be provided at all. If we are unable to obtain licenses from third parties on commercially reasonable terms or at all, or fail to comply with our obligations under such agreements, our business could be harmed. It may be necessary for us to use the patented or other proprietary technology of third parties to commercialize our products, in which case we would be required to obtain a license from these third parties. If we are unable to license such technology, or if we are forced to license such technology on unfavorable terms, our business could be materially harmed. If we are unable to obtain a necessary license, we may be unable to develop or commercialize the affected product candidates, which could materially harm our business and the third parties owning or otherwise controlling such intellectual property rights could seek either an injunction prohibiting our sales or an obligation on our part to pay royalties and/or other forms of compensation. Even if we are able to obtain a license, it may be non-exclusive, thereby giving our competitors and other third parties access to the same technologies licensed to us. The licensing or acquisition of third-party intellectual property rights is a competitive area, and several more established companies may pursue strategies to license or acquire third-party intellectual property rights that we may consider attractive or necessary. These established companies may have a competitive advantage over us due to their size, capital resources and greater clinical development and commercialization capabilities. In addition, companies that perceive us to be a competitor may be unwilling to assign or license rights to us. If we are unable to obtain rights to required third-party intellectual property rights or maintain the existing intellectual property rights we have, we may be required to expend significant time and resources to redesign our technology, product candidates or the methods for manufacturing them or to develop or license replacement technology, all of which may not be feasible on a technical or commercial basis. If we are unable to do so, we may be unable to develop or commercialize the affected technology and product candidates, which could harm our business, financial condition, results of operations and prospects significantly. Additionally, if we fail to comply with our obligations under any future license agreements, our counterparties may have the right to terminate these agreements, in which event we might not be able to develop, manufacture or market, or may be forced to cease developing, manufacturing or marketing, any product that is covered by these agreements or may face other penalties under such agreements. Such an occurrence could materially adversely affect the value of the product candidate being developed under any such agreement. Termination of these agreements or reduction or elimination of our rights under these agreements, or restrictions on our ability to freely assign or sublicense our rights under such agreements when it is in the interest of our business to do so, may result in our having to negotiate new or reinstated agreements with less favorable terms, cause us to lose our rights under these agreements, including our rights to important intellectual property or technology, or impede, or 68 Â delay or prohibit the further development or commercialization of one or more product candidates that rely on such agreements. Litigation and adversarial proceedings are expensive, time-consuming and if unsuccessful, can adversely affect our ability to sell our products when commercialized. Competitors and other third parties may infringe, misappropriate or otherwise violate our or our future licensorsâ€™ patents, trademarks, copyrights or other intellectual property. As a result, we may need to file infringement, misappropriation or other intellectual property-related claims against third parties. To counter infringement or other unauthorized use, we may be required to file claims on a country-by-country basis, which can be expensive and time-consuming and divert the time and attention of our management and scientific personnel. There can be no assurance that we will have sufficient financial or other resources to file and pursue such claims, which often last for years before they are concluded. Any claims we assert against third parties could also provoke these parties to assert counterclaims against us alleging that we infringe, misappropriate or otherwise violate their intellectual property. In addition, in a patent infringement proceeding, such parties could counterclaim that the patents we have asserted are invalid or unenforceable, or both. In patent litigation in the US, defendant counterclaims alleging invalidity or unenforceability are commonplace. Grounds for a validity challenge could be an alleged failure to meet any of several statutory requirements, including lack of novelty, obviousness or non-enablement. Grounds for an unenforceability assertion could be an allegation that someone connected with prosecution of the patent withheld relevant information from the USPTO, or made a misleading statement, during prosecution. Third parties may institute such claims before administrative bodies in the US or abroad, even outside the context of litigation. Such mechanisms include re-examination, post-grant review, inter partes review, interference proceedings, derivation proceedings and equivalent proceedings in foreign jurisdictions (e.g., opposition proceedings). The outcome following legal assertions of invalidity and unenforceability is unpredictable. In any such proceeding, a court may decide that a patent of ours, or a patent that we in-license, is not valid, is unenforceable and/or is not infringed, or may construe such patentâ€™s claims narrowly or refuse to stop the other party from using the technology at issue on the grounds that our patents do not cover the technology in question. An adverse result in any litigation or defense proceedings could put one or more of our patents at risk of being invalidated, interpreted narrowly or held unenforceable in whole or in part, could put our patent applications at risk of not issuing, and could limit our ability to assert those patents against those parties or other competitors and curtail or preclude our ability to exclude third parties from making and selling similar or competitive products. Similarly, if we assert trademark infringement claims, a court may determine that the marks we have asserted are invalid or unenforceable, or that the party against whom we have asserted trademark infringement has superior rights to the marks in question. In this case, we could ultimately be forced to cease use of such trademarks, which could materially harm our business and negatively affect our position in the marketplace. Even if we establish infringement, misappropriation or other violation of our intellectual property, the court may decide not to grant an injunction against further such activity and instead award only monetary damages, which may or may not be an adequate remedy. Furthermore, because of the substantial amount of discovery required in connection with intellectual property litigation, there is a risk that some of our confidential information could be compromised by disclosure during this type of litigation. There could also be public announcements of the results of hearings, motions or other interim proceedings or developments. If securities analysts or investors perceive these results to be negative, it could have a material adverse effect on the price of our common stock. Any of the foregoing could have a material adverse effect on our business, financial condition, results of operations, and prospects. On June 3, 2019, we received an anonymous third-party Observation filed in connection with our international Patent Cooperation Treaty patent application for our second patent family, which covers bemnifosbuvir. The Observation generally challenged the patentability of bemnifosbuvir over AT-511 which was described in our first patent family. On August 1, 2019, we filed a response to the Observation describing that bemnifosbuvir is not obvious in view of AT-511 because bemnifosbuvir disproportionately concentrates in the liver over the heart, as shown in vivo in a dog model, which can provide an increased therapeutic effect to treat HCV, and decreased toxicity because HCV is a disease of the liver. Further, while not raised in the response to the Observation, we have now also shown that bemnifosbuvir has a longer half-life and higher concentration in the lung than in the liver in vivo in monkeys, which is relevant to our COVID-19 indication. The Observations by anonymous third parties as well as our responses are placed in the file and available to be read and considered by any country examining our respective patent applications. 69 Â In December 2019, the US Patent Office issued a patent to us covering the composition of matter of bemnifosbuvir. Our composition of matter patent on bemnifosbuvir has also been granted in China, Japan, Korea, Australia, Brazil, Eurasia, Canada, Israel, Indonesia, New Zealand, Ukraine, Colombia, Malaysia, Singapore, South Africa, Russia and Mexico, and is allowed in Europe and is pending in certain other countries and regions. Our patent on AT-511 or its pharmaceutically acceptable salt, which includes bemnifosbuvir, has been granted in United States, China, Japan, Korea, Australia, New Zealand, Brazil, Eurasia, Canada, Israel, Singapore, Malaysia, Indonesia, Philippines, Georgia, Russia, Saudi Arabia, Ukraine, Colombia and Mexico, and is also pending in certain other countries and regions. The European Patent Office has also indicated allowability of the claims. We may not be aware of patent claims that are currently or may in the future be pending that affect our business by the competitors working in this area. Patent applications are typically published between six and eighteen months from filing, and the presentation of new claims in already pending applications can sometimes not be visible to the public, including to us, for a period of time, or if publicly available, not yet seen by us. We cannot provide any assurance that a third-party practicing in the general area of our technology will not present a patent claim that covers one or more of our products or their methods of use or manufacture at any time, including before or during this registration period. If that does occur, we may have to take steps to try to invalidate such patent or application, and we may either choose not to or may not be successful in such attempt. A license to the patent or application may not be available on commercially reasonable terms or at all. On April 12, 2022, we received notification of a Pre-Grant Opposition from the Controller General of Patents, Designs, and Trademarks at the Indian Patent Office. The Opposition was filed by Sankalp Rehabilitation Trust and challenges our pending patent claims to AT-511 or a pharmaceutically acceptable salt thereof. In February 2023, we responded to this Pre-Grant Opposition. We are currently awaiting further action on this matter by the Indian Patent Office. In addition to the Pre-Grant Opposition related to AT-511 or a pharmaceutically acceptable salt thereof (which claim bemnifosbuvir would fall under), in September 2022, we received notification of additional Pre-Grant Opposition filed by the Sankalp Rehabilitation Trust. This additional Pre-Grant Opposition challenged our then pending patent claims to bemnifosbuvir. In October 2023, we responded to this second Pre-Grant Opposition. A hearing on the matter was held in April 2024. In June 2024, the Indian Patent Office issued a decision refusing the claims to bemnifosbuvir. This decision was not appealed. While we intend to continue to vigorously defend our patent claims on AT-511 or a pharmaceutically acceptable salt thereof and its use to treat HCV in India, we cannot guarantee that the Indian Patent Office will decide in our favor with respect to the Pre-Grant Opposition of AT-511 or a pharmaceutically acceptable salt thereof (which claim bemnifosbuvir would fall under) and whether it would allow our patent claims. In addition, Pre-Grant Oppositions in India can proceed very slowly, and therefore these proceedings may not be resolved for several years. Our patent applications will not issue as a patent on AT-511 or its use to treat HCV in India unless and until this Pre-Grant Opposition is resolved in our favor. If it is not resolved in our favor, we may not receive a patent or patents on AT-511, or its use to treat HCV in India. Further, there is no guarantee that other companies will not also file Pre-Grant Opposition Proceedings, or if the patent issues, one or more Post-Grant Oppositions, challenging our patent rights in AT-511. Â Changes in patent laws and enforcement by courts and other authorities in the US and other jurisdictions may impact our ability to protect our patents. The US Supreme Court and lower courts have issued opinions in patent cases in the last few years that many consider may weaken patent protection in the US, either by narrowing the scope of patent protection available in certain circumstances, holding that certain kinds of innovations are not patentable or generally otherwise making it easier to invalidate patents in court. Additionally, there have been recent proposals for additional changes to the patent laws of the US and other countries that, if adopted, could impact our ability to obtain patent protection for our proprietary technology or our ability to enforce our proprietary technology. Depending on future actions by the US Congress, the US courts, the USPTO and the relevant law-making and other bodies in other countries, the laws and regulations governing patents could change in unpredictable ways that would weaken our ability to obtain new patents or to enforce and defend our existing patents and patents that we might obtain in the future. In June 2023, the European Unitary Patent system and the European Unified Patent Court (â€œUPCâ€) were launched. European patent applications now have the option, upon grant of a patent, of becoming a Unitary Patent which is subject to the jurisdiction of the UPC. In addition, conventional European patents, both already granted at the time the new system began and granted thereafter, are subject to the jurisdiction of the UPC, unless actively opted out. This was a significant change in European patent practice and deciding whether to opt-in or opt-out of Unitary Patent practice entail strategic and cost considerations. The UPC provides our competitors 70 Â with a new forum to centrally revoke our European patents and makes it possible for a competitor to obtain pan-European injunctions against us. It will be several years before we will understand the scope of patent rights that will be recognized and the strength of patent remedies that will be provided by the UPC. While we have the right to opt our patents out of the UPC over the first seven years of the courtâ€™s existence, doing so may preclude us from realizing the benefits of the UPC. Moreover, the decision whether to opt-in or opt-out of Unitary Patent status will require coordinating with co-applicants, if any, adding complexity to any such decision. The laws of some foreign jurisdictions do not protect intellectual property rights to the same extent as in the US and many companies have encountered significant difficulties in protecting and defending such rights in foreign jurisdictions. If we encounter such difficulties in protecting or are otherwise precluded from effectively protecting our intellectual property rights in foreign jurisdictions, our ability to compete and our business prospects in such marketplaces could be substantially harmed. For example, we have been notified that a Pre-Grant Opposition have been filed with the Controller General of Patents, Designs and Trademarks at the Indian Patent Office relating to our pending patent claims to AT-511 or a pharmaceutically acceptable salt thereof (which claim bemnifosbuvir would fall under) and its use to treat HCV in India. While we intend to defend our patent claims for AT-511 or a pharmaceutically acceptable salt thereof (which claim bemnifosbuvir would fall under and its use to treat HCV, we cannot provide any assurance that we will succeed or that the Indian patent office will allow the patent claims to grant. A second Pre-Grant Opposition relating to patent claims to bemnifosbuvir was filed in September 2022. We responded to this second Pre-Grant Opposition in October 2023, and a hearing was held in April 2024. In June, the Controller issued a decision refusing the claims to bemnifosbuvir. This decision was not appealed. The cost of foreign adversarial proceedings can also be

substantial, and in many foreign jurisdictions, the losing party must pay the attorney fees of the winning party. Obtaining and maintaining our patent protection depends on compliance with various procedural, document submission, fee payment and other requirements imposed by governmental patent agencies, and our patent protection could be reduced or eliminated for non-compliance with these requirements. The USPTO, EPO and other patent agencies require compliance with a number of procedural, documentary, fee payment and other similar provisions during the patent application process. Periodic maintenance fees, renewal fees, annuity fees and various other governmental fees on patents and/or applications will be due to be paid to the USPTO and various governmental patent agencies outside of the US in several stages over the lifetime of the patents and/or applications. We have systems in place to remind us to pay these fees, and we employ an outside firm and rely on our outside counsel to pay such fees due to non-US patent agencies. While, in many cases, an inadvertent lapse can be cured by payment of a late fee or by other means in accordance with the applicable rules, there are situations in which non-compliance can result in abandonment or lapse of the patent or patent application, resulting in partial or complete loss of patent rights in the relevant jurisdiction. In such an event, our competitors or other third parties might be able to enter the market with similar or identical products or technology, which could have a material adverse effect on our business, financial condition, results of operations, and prospects. We may not be able to enforce our intellectual property rights throughout the world. Filing, prosecuting and defending patents on our product candidates in all countries throughout the world would be prohibitively expensive. Therefore, we may choose not to pursue or maintain protection for certain intellectual property in certain jurisdictions. The requirements for patentability may differ in certain countries, particularly in developing countries. Competitors may use our technologies in jurisdictions where we have not obtained patent protection to develop their own products and, further, may export otherwise infringing products to territories where we may obtain patent protection, but where patent enforcement is not as strong as that in the US. These products may compete with our products in jurisdictions where we do not have any issued or licensed patents and any future patent claims or other intellectual property rights may not be effective or sufficient to prevent them from so competing. Moreover, our ability to protect and enforce our intellectual property rights may be adversely affected by changes in foreign intellectual property laws. Additionally, laws of some countries outside of the US and Europe do not afford intellectual property protection to the same extent as the laws of the US and Europe. Many companies have encountered significant problems in protecting and defending intellectual property rights in certain foreign jurisdictions. The legal systems of some countries, including India, China and other developing countries, may not favor the enforcement of our patents and other intellectual property rights. This could make it difficult for us to stop the infringement of our patents or the misappropriation or other violation of our other intellectual property rights. A number of foreign countries have stated that they are willing to issue compulsory licenses to patents held by innovator companies on approved drugs to allow the government or one 71 Â or more third-party companies to sell the approved drug without the permission of the innovator patentee where the foreign government concludes it is in the public interest. India, for example, has used such a procedure to allow domestic companies to make and sell patented drugs without innovator approval. There is no guarantee that patents covering any of our drugs will not be subject to a compulsory license in a foreign country, or that we will have any influence over if or how such a compulsory license is granted. Further, Brazil allows its regulatory agency ANVISA to participate in deciding whether to grant a drug patent in Brazil, and patent grant decisions are made based on several factors, including whether the patent meets the requirements for a patent and whether such a patent is deemed in the countryâ€™s interest. In addition, several other countries have created laws that make it more difficult to enforce drug patents than patents on other kinds of technologies. Further, under the treaty on the Trade-Related Aspects of Intellectual Property, as interpreted by the Doha Declaration, countries in which drugs are manufactured are required to allow exportation of the drug to a developing country that lacks adequate manufacturing capability. Therefore, our drug markets in the US or foreign countries may be affected by the influence of current public policy on patent issuance, enforcement or involuntary licensing in the healthcare area. We rely on our ability to stop others from competing by enforcing our patents, however some jurisdictions may require us to grant licenses to third parties. Such compulsory licenses could be extended to include some of our product candidates, which may limit our potential revenue opportunities. Many foreign countries have compulsory licensing laws under which a patent owner must grant licenses to third parties, in certain circumstances. For example, compulsory licensing, or the threat of compulsory licensing, of life-saving products and expensive products is becoming increasingly popular in developing countries, either through direct legislation or international initiatives. Compulsory licenses could be extended to include some of our product candidates, if they receive marketing approval, which may limit our potential revenue opportunities. Consequently, we may not be able to prevent third parties from practicing our inventions in certain countries outside the US and Europe. Competitors may also use our technologies in jurisdictions where we have not obtained patent protection to develop their own products and, further, may export otherwise infringing products to territories where we have patent protection, if our ability to enforce our patents to stop infringing activities is inadequate. These products may compete with our products, and our patents or other intellectual property rights may not be effective or sufficient to prevent them from competing. Proceedings to enforce our patent rights in foreign jurisdictions, whether or not successful, could result in substantial costs and divert our efforts and resources from other aspects of our business. Furthermore, while we intend to protect our intellectual property rights in major markets for our products where such patent rights exist, we cannot ensure that we will be able to initiate or maintain similar efforts in all jurisdictions in which we may wish to market our products. Accordingly, our efforts to protect our intellectual property rights in such countries may be inadequate. In addition, some countries limit the enforceability of patents against government agencies or government contractors. In these countries, the patent owner may be limited to monetary relief and may be unable to enjoin infringement if a government is the infringer, which could materially diminish the value of the patent. If we are unable to protect the confidentiality of our trade secrets, our business and competitive position would be harmed. In addition to the protection afforded by patents, we rely on trade secret protection and confidentiality agreements to protect proprietary know-how that is either not patentable or that we elect not to patent, processes for which patents are difficult to enforce and any other elements of our product candidate discovery and development processes that involve proprietary know-how, information or technology that is not covered by patents. However, trade secrets can be difficult to protect. We seek to protect our proprietary technology and processes, in part, by entering into confidentiality agreements with parties who have access to them, such as our employees, CROs, consultants, scientific advisors and other contractors. We cannot guarantee that we have entered into such agreements with each party that may have or have had access to our trade secrets or proprietary technology and processes. We also seek to preserve the integrity and confidentiality of our data and trade secrets by maintaining physical security of our premises and physical and electronic security of our information technology systems. While we have confidence in these individuals, organizations and systems, agreements or security measures may be breached and our trade secrets could be disclosed, and we may not have adequate remedies for any such breach. Enforcing a claim that a party illegally disclosed or misappropriated a trade secret is difficult, expensive and time-consuming, and the outcome is unpredictable. In addition, some courts inside and outside the US are less willing or unwilling to protect trade secrets. Misappropriation or unauthorized disclosure of our trade secrets or other confidential proprietary information could cause us to lose trade secret protection, impair our competitive position and have a material adverse effect on our business. Additionally, if the steps taken to maintain our trade secrets or other confidential proprietary information are deemed inadequate, we may have insufficient recourse against third parties for misappropriating the trade secret or other confidential proprietary information. 72 Â Further, we cannot provide any assurances that competitors or other third parties will not otherwise gain access to our trade secrets and other confidential proprietary information or independently discover or develop substantially equivalent technology and processes. If we are unable to prevent disclosure of the trade secrets and other non-patented intellectual property related to our product candidates and technologies to third parties, there is no guarantee that we will have any such enforceable trade secret protection and we may not be able to establish or maintain a competitive advantage in our market, which could materially adversely affect our business, results of operations and financial condition. We may be subject to claims that our employees, consultants or independent contractors have wrongfully used or disclosed confidential information of third parties, that our employees have wrongfully used or disclosed alleged trade secrets of their former employers, or asserting ownership of what we regard as our own intellectual property. We have employed, and may in the future employ, individuals who were previously employed at universities or other biotechnology or pharmaceutical companies, including our competitors or potential competitors. Although we try to ensure that our employees, consultants and independent contractors do not use the proprietary information or know-how of others in their work for us, we may be subject to claims that we or our employees, consultants or independent contractors have inadvertently or otherwise used or disclosed intellectual property, including trade secrets or other proprietary information, of any of such individualsâ€™ former employers or other third parties. Litigation may be necessary to defend against these claims. If we fail in defending any such claims, in addition to paying monetary damages, we may lose valuable intellectual property rights or personnel, or our ability to hire personnel, which, in any case of the foregoing, could adversely impact our business. Even if we are successful in defending against such claims, litigation could result in substantial costs and be a distraction to management and other employees. Although it is our policy to require all of our employees and consultants to assign their inventions to us, to the extent that employees or consultants use intellectual property owned by others in their work for us, disputes may arise as to the rights in related or resulting know-how and inventions. We may also be unsuccessful in executing such an agreement with each party who, in fact, conceives or develops intellectual property that we regard as our own. The assignment of intellectual property rights may not be self-executing, or the assignment agreements may be breached, and we may be forced to bring claims against third parties, or defend claims that they may bring against us, to determine the ownership of what we regard as our intellectual property. Such claims could have a material adverse effect on our business, financial condition, results of operations, and prospects. Our proprietary rights may not adequately protect our technologies and product candidates, and intellectual property rights do not necessarily address all potential threats to our competitive advantage. The degree of future protection afforded by our intellectual property rights is uncertain because intellectual property rights have limitations, and may not adequately protect our business, or permit us to maintain our competitive advantage. The following examples are illustrative: â€¢others may be able to make products that are the same as or similar to our product candidates but that are not covered by the claims of our patents; â€¢others, including inventors or developers of our patented technologies who may become involved with competitors, may independently develop similar technologies that function as alternatives or replacements for any of our technologies without infringing, misappropriating or otherwise violating our intellectual property rights; â€¢we might not have been the first to conceive and reduce to practice the inventions covered by our patents or patent applications; â€¢we might not have been the first to file patent applications covering certain of our inventions; â€¢we may choose not to file a patent in order to maintain certain trade secrets or know-how, and a third-party may subsequently file a patent covering such intellectual property; â€¢our pending patent applications might not result in issued patents; â€¢there might be prior public disclosures that could invalidate our patents; â€¢our issued patents may not provide us with any commercially viable products or competitive advantage, or may be held invalid or unenforceable, as a result of legal challenges by our competitors or other third parties; 73 Â â€¢the Supreme Court of the US, other US federal courts, Congress, the USPTO or similar foreign authorities may change the standards of patentability and any such changes could narrow or invalidate, or change the scope of, our patents; â€¢patent terms may be inadequate to protect our competitive position on our product candidates for an adequate amount of time; â€¢our competitors or other third parties might conduct research and development activities in countries where we do not have patent rights, or in countries where research and development safe harbor laws exist, and then use the information learned from such activities to develop competitive products for sale in our major commercial markets; â€¢ownership, validity or enforceability of our patents or patent applications may be challenged by third parties; and â€¢the patents or pending or future applications of third parties, if issued, may have an adverse effect on our business. Should any of these events occur, they could have a material adverse effect on our business, financial condition, results of operations, and prospects. Risks Related to Employee Matters, Managing Growth and Other Risks Related to Our Business We may need to expand our organization, and we may experience difficulties in managing this growth, which could disrupt our operations. We may experience significant growth in the number of our employees and the scope of our operations, particularly in the areas of sales, marketing and distribution. To manage our growth activities, we would need to further implement and improve our managerial, operational and financial systems, expand our facilities and continue to recruit and train additional qualified personnel. Due to our limited financial resources and the limited experience of our management team, as a group, we may not be able to effectively manage such expansion of our operations or recruit and train additional qualified personnel. As we expand our company, we may have difficulty identifying, hiring and integrating new personnel. Future growth would impose significant additional responsibilities on our management, including but not limited to: â€¢the need to identify, recruit, maintain, motivate and integrate additional employees, consultants and contractors; and â€¢maintaining our operational, financial and management controls, reporting systems and procedures. Also, our management may need to divert a disproportionate amount of its attention away from our day-to-day activities and devote a substantial amount of time to managing these growth activities. We may not be able to effectively manage the expansion of our operations, which may result in weaknesses in our infrastructure, give rise to operational mistakes, loss of business opportunities, loss of employees and reduced productivity among remaining employees. Organizational growth, including the potential establishment of a commercial infrastructure and commercialization of product candidates, if any, that are approved for sale will require significant capital expenditures and may divert financial resources from other projects, such as the development of other product candidates. If our management is unable to effectively manage our growth, our expenses may increase more than expected, our ability to generate and/or grow product revenues, if any, could be reduced, and we may not be able to implement our business strategy. Our future financial performance and our ability to commercialize any approved products and compete effectively will depend, in part, on our ability to effectively manage any future growth. We currently rely, and for the foreseeable future will continue to rely, in substantial part on certain independent organizations, advisors and consultants to provide certain services, including substantially all aspects of clinical trial conduct and execution, international regulatory affairs activities and manufacturing. There can be no assurance that the services of independent organizations, advisors and consultants will continue to be available to us on a timely basis when needed, or that we can find qualified replacements. In addition, if we are unable to effectively manage our outsourced activities or if the quality or accuracy of the services provided by independent organizations, advisors or consultants is compromised for any reason, our clinical trials may be extended, delayed or terminated, and we may not be able to obtain regulatory approval of our product candidates or otherwise advance our business. There can be no assurance that we will be able to manage our existing independent organizations, advisors or consultants or find other competent outside independent organizations, advisors and consultants on economically reasonable terms, or at all. If we are not able to effectively expand our organization 74 Â by hiring new employees and expanding our groups of advisors and consultants, or we are not able to effectively maintain or obtain facilities to accommodate this expansion, we may not be able to successfully implement the tasks necessary to further develop and commercialize our product candidates and, accordingly, may not achieve our research, development and commercialization goals. Many of the biotechnology and pharmaceutical companies that we compete against for qualified personnel and consultants have greater financial and other resources, different risk profiles and a longer history in the industry than we do. If we are unable to continue to attract and retain high-quality personnel and consultants, the rate and success at which we can discover and develop product candidates and operate our business will be limited. We only have a limited number of employees to manage and operate our business. As of November 4, 2024, we had 75 full-time employees. Our focus on the global clinical development of an HCV product candidate requires us to manage and operate our business in a highly efficient manner. We cannot assure you that we will be able to hire and/or retain adequate staffing levels to develop our product candidates or run our operations and/or to accomplish all of the objectives that we otherwise would seek to accomplish. If we lose key management or scientific personnel, cannot recruit qualified employees, directors, officers or other significant personnel or experience increases in our compensation costs, our business may materially suffer. We are highly dependent on our officers, directors and key employees. Due to the specialized knowledge each of our officers, directors and key employees possesses with respect to our product candidates and our operations, the loss of service of any of one or more of our officers, directors or key employees could seriously delay, harm or prevent the planning and execution of clinical trials and other key activities required for the successful advancement of our business. Although we have employment agreements with our executive officers, in general, these agreements do not prevent our executive officers from terminating their employment with us at any time. We do not carry key person life insurance on any officers or directors. In addition to retaining the continued service of our officers, directors and key employees, our future success and growth will depend in part on our ability to identify, hire and retain additional personnel. Our ability to identify, hire and retain additional personnel and, if necessary, replace departed executive officers and key employees may be difficult or costly and may take an extended period of time because of the limited number of individuals in our industry with the breadth of skills and experience required to discover or otherwise identify and develop product candidates and gain regulatory approval of and commercialize products successfully. Competition to hire from this limited pool is intense, and we may be unable to hire, train, retain or effectively incentivize these additional key personnel on acceptable terms given the competition among numerous pharmaceutical and biotechnology companies for similar personnel. We also experience competition for the hiring of scientific and

clinical personnel from universities and research institutions. In addition, we rely on consultants and advisors, including scientific and clinical advisors, to assist us in formulating our research and development and commercialization strategy. Our consultants and advisors may be engaged by entities other than us and may have commitments under consulting or advisory contracts with other entities that may limit their availability to us. If we are unable to continue to attract and retain high quality personnel, our ability to develop and commercialize product candidates will be limited. Many of our officers, directors and key employees are vested in a substantial amount of our common stock or options to purchase our common stock. Our employees, including many of our officers and key employees, may be more likely to leave us if the shares they own have significantly fluctuated in value relative to the original purchase prices of the shares, or if the exercise prices of the options that they hold are significantly below or above the market price of our common stock. Unstable market and economic conditions may have serious adverse consequences on our business, financial condition and share price. The global economy, including credit and financial markets, has recently experienced extreme volatility and disruptions, including severely diminished liquidity and credit availability, declines in consumer confidence, declines in economic growth, increases in unemployment rates, increases in interest rates, increases in inflation rates and uncertainty about economic stability. For example, the COVID-19 pandemic resulted in widespread unemployment, economic slowdown and extreme volatility in the capital markets. Similarly, international conflicts, terrorism and political instability have created extreme volatility in the capital markets. These conditions may make any necessary debt or equity financing more difficult to obtain in a timely manner or on favorable terms, more costly or more dilutive. In addition, there is a risk that one or more of our CROs, suppliers, CMOs or other 75 Â third-party providers may not survive an economic downturn. As a result, our business, results of operations and price of our common stock may be adversely affected. Our business could face adverse consequences as a result of the actions of activist shareholders. We have in the past and may in the future be subject to unsolicited attempts to gain control of our company, proxy contests, and other forms of shareholder activism. For example, in May 2023, our board of directors received an unsolicited proposal from a stockholder to acquire all outstanding shares of our common stock. Our Board of Directors carefully reviewed and evaluated the proposal in consultation with our independent financial and legal advisors and decided not to approve the proposal. If in the future, a stockholder, by itself or in conjunction with other stockholders or as part of a group, engages in activist activities with respect to us, our business could be adversely affected because responding to an unsolicited offer, proxy contest or other actions by activist stockholders can be costly and time-consuming, disruptive to our operations and divert the attention of management and our employees from the execution of our strategy. In addition, actual or perceived uncertainties as to our future direction caused by activist activities may cause or appear to cause instability, potentially making it more difficult to attract and retain qualified personnel and collaborators or leading to the loss of collaboration opportunities, and if individuals are elected to our board of directors with a specific agenda, it may adversely affect our ability to effectively and timely implement our strategic plans. Activist stockholder activities may also cause significant fluctuations in our stock price based on temporary or speculative market perceptions, or other factors that do not necessarily reflect the fundamental underlying value of our business. Finally, we might experience a significant increase in legal fees and administrative and associated costs incurred in connection with responding to an unsolicited offer, proxy contest or related action. These actions could also negatively affect the price of our common stock. Risks Related to Our Common Stock If securities or industry analysts do not publish research or reports about our business, or if they issue an adverse or misleading opinion regarding our stock, our stock price and trading volume could decline, even if our business is doing well. The trading market for our common stock is influenced by the research and reports that industry or securities analysts publish about us or our business. We currently have limited research coverage by securities and industry analysts. If any of the analysts who cover us, or may cover us, downgrades our common stock or issues an adverse or misleading opinion regarding us, our business model, our intellectual property or our stock performance, or if our preclinical studies or clinical trials and operating results fail to meet the expectations of analysts, our stock price would likely decline. If one or more of these analysts ceases coverage of us or fails to publish reports on us regularly, we could lose visibility in the financial markets, which in turn could cause our stock price or trading volume to decline. Provisions in our restated certificate of incorporation and amended and restated bylaws and under Delaware law could make an acquisition of our Company, which may be beneficial to our stockholders, more difficult and may prevent attempts by our stockholders to replace or remove our current management. Provisions in our restated certificate of incorporation and our amended and restated bylaws may discourage, delay or prevent a merger, acquisition or other change in control of our company that stockholders may consider favorable, including transactions in which you might otherwise receive a premium for your shares. These provisions may also limit the price that investors are willing to pay in the future for shares of our common stock, thereby depressing the market price of our common stock. In addition, because our board of directors is responsible for appointing the members of our management team, these provisions may frustrate or prevent any attempts by our stockholders to replace or remove our current management by making it more difficult for stockholders to replace members of our board of directors. Among other things, these provisions include those establishing: â€¢a classified board of directors with three-year staggered terms, which may delay the ability of stockholders to change the membership of a majority of our board of directors; â€¢no cumulative voting in the election of directors, which limits the ability of minority stockholders to elect director candidates; â€¢the exclusive right of our board of directors to elect a director to fill a vacancy created by the expansion of the board of directors or the resignation, death or removal of a director, which prevents stockholders from filling vacancies on our board of directors; 76 Â â€¢the ability of our board of directors to authorize the issuance of shares of preferred stock and to determine the terms of those shares, including preferences and voting rights, without stockholder approval, which could be used to significantly dilute the ownership of a hostile acquirer; â€¢the ability of our board of directors to alter our bylaws without obtaining stockholder approval; â€¢the required approval of the holders of at least two-thirds of the shares entitled to vote at an election of directors to adopt, amend or repeal our bylaws or repeal the provisions of our restated certificate of incorporation regarding the election and removal of directors; â€¢a prohibition on stockholder action by written consent, which forces stockholder action to be taken at an annual or special meeting of our stockholders; â€¢the requirement that a special meeting of stockholders may be called only by the chairman of the board of directors, the chief executive officer, the president or the board of directors, which may delay the ability of our stockholders to force consideration of a proposal or to take action, including the removal of directors; and â€¢advance notice procedures that stockholders must comply with in order to nominate candidates to our board of directors or to propose matters to be acted upon at a stockholdersâ€™ meeting, which may discourage or deter a potential acquirer from conducting a solicitation of proxies to elect the acquirerâ€™s own slate of directors or otherwise attempting to obtain control of us. Moreover, because we are incorporated in Delaware, we are governed by the provisions of Section 203 of the General Corporation Law of the State of Delaware, which prohibits a person who owns in excess of 15% of our outstanding voting stock from merging or combining with us for a period of three years after the date of the transaction in which the person acquired in excess of 15% of our outstanding voting stock, unless the merger or combination is approved in a prescribed manner. Our restated certificate of incorporation designates specific courts as the exclusive forum for certain litigation that may be initiated by our stockholders, which could limit our stockholdersâ€™ ability to obtain a favorable judicial forum for disputes with us. Our restated certificate of incorporation, specifies that, unless we consent in writing to the selection of an alternative forum, the Court of Chancery of the State of Delaware will be the sole and exclusive forum for most legal actions involving claims brought against us by stockholders, other than suits brought to enforce any liability or duty created by the Exchange Act or any other claim for which the federal courts have exclusive jurisdiction and any action that the Court of Chancery of the State of Delaware has dismissed for lack of subject matter jurisdiction, which may be brought in another state or federal court sitting in the State of Delaware. Our restated certificate of incorporation also specifies that unless we consent in writing to the selection of an alternate forum, the federal district courts of the US shall be the exclusive forum for the resolution of any complaint asserting a cause of action arising under the Securities Act of 1933, as amended (the â€œSecurities Actâ€). Any person or entity purchasing or otherwise acquiring any interest in shares of our capital stock shall be deemed to have notice of and to have consented to the provisions of our restated certificate of incorporation described above. We believe this provision benefits us by providing increased consistency in the application of Delaware law by chancellors particularly experienced in resolving corporate disputes or federal judges experienced in resolving Securities Act disputes, efficient administration of cases on a more expedited schedule relative to other forums and protection against the burdens of multi-forum litigation. However, the provision may have the effect of discouraging lawsuits against our directors, officers, employees and agents as it may limit any stockholderâ€™s ability to bring a claim in a judicial forum that such stockholder finds favorable for disputes with us or our directors, officers, employees or agents. The enforceability of similar choice of forum provisions in other companiesâ€™ certificates of incorporation has been challenged in legal proceedings, and it is possible that, in connection with any applicable action brought against us, a court could find the choice of forum provisions contained in our restated certificate of incorporation to be inapplicable or unenforceable in such action. If a court were to find the choice of forum provision contained in our restated certificate of incorporation to be inapplicable or unenforceable in an action, we may incur additional costs associated with resolving such action in other jurisdictions, which could adversely affect our business, financial condition or results of operations. 77 Â General Risk Factors Raising additional capital may cause additional dilution to our stockholders, restrict our operations, require us to relinquish rights to our technologies or product candidates, and could cause our share price to fall. Until such time, if ever, as we can generate substantial revenue from product sales, we may finance our cash needs through a combination of equity offerings, debt financings, marketing and distribution arrangements and other collaborations, strategic alliances and licensing arrangements. In addition, we may seek additional capital due to favorable market conditions or strategic considerations, even if we believe that we have sufficient funds for our current or future operating plans. To the extent that we raise additional capital through the sale of equity or convertible debt securities, your ownership interest will be diluted, and the terms of these securities may include liquidation or other preferences that adversely affect your rights as a common stockholder. Debt financing and preferred equity financing, if available, may involve agreements that include covenants limiting or restricting our operations, our ability to take specific actions, such as incurring additional debt, making capital expenditures, declaring dividends, redeeming our stock, making certain investments and engaging in certain merger, consolidation or asset sale transactions, among other restrictions. If we raise additional funds through collaborations, strategic alliances or marketing, distribution or licensing arrangements with third parties, we may be required to relinquish valuable rights to our technologies, future revenue streams or product candidates or grant licenses on terms that may not be favorable to us. If we are unable to raise additional funds through equity or debt financings when needed, we may be required to delay, limit, reduce or terminate our product development or future commercialization efforts or grant rights to develop and market product candidates that we would otherwise prefer to develop and market ourselves. We may engage in acquisitions or strategic collaborations that could disrupt our business, cause dilution to our stockholders, reduce our financial resources, cause us to incur debt or assume contingent liabilities, and subject us to other risks. In the future, we may enter into transactions to acquire other businesses, products or technologies or enter into strategic collaborations, including licensing transactions. If we do identify suitable acquisition or collaboration candidates, we may not be able to complete such acquisitions or collaborations on favorable terms, or at all. Any acquisitions or collaborations may not strengthen our competitive position, and these transactions may be viewed negatively by stock research analysts or investors, and we may never realize the anticipated benefits of such acquisitions or collaborations. We may decide to incur debt in connection with an acquisition or issue our common stock or other equity securities to the stockholders of the acquired company, which would reduce the percentage ownership of our existing stockholders. We could incur losses resulting from undiscovered liabilities of the acquired business or collaboration that are not covered by the indemnification we may obtain from the seller or our collaborator. In addition, we may not be able to successfully integrate any acquired personnel, technologies and operations into our existing business in an effective, timely and non-disruptive manner. Acquisitions or collaborations may also divert management attention from day-to-day responsibilities, lead to a loss of key personnel, increase our expenses and reduce our cash and cash equivalents available for operations and other uses. We cannot predict the number, timing or size of future acquisitions or collaborations or the effect that any such transactions might have on our operating results. We or the third parties upon whom we depend may be adversely affected by natural disasters or pandemics and our business continuity and disaster recovery plans may not adequately protect us from a serious disaster. Natural disasters (including, but not limited to earthquakes, fires, storms, floods, droughts, and extreme temperatures) or pandemics, other than or in addition to COVID-19, could severely disrupt our operations and have a material adverse effect on our business, results of operations, financial condition and prospects. Climate change has increased, and is expected to continue to increase the frequency or intensity of such events. Moreover, climate change may result in various chronic changes in the physical environment, such as changes in temperature or precipitation patterns or sea-level rise, as well as changes to the availability of certain natural resources, that may also have an adverse impact on our operations. If a natural disaster, power outage, pandemic, such as the COVID-19 pandemic, or other event occurred that prevented us from using all or a significant portion of our headquarters or the virtual network capabilities upon which our employees depend to collaborate and access critical business records, that damaged critical infrastructure, such as the manufacturing facilities on which we rely, or that otherwise disrupted operations, it may be difficult or, in certain cases, impossible for us to continue our business for a substantial period of time. The disaster recovery and business continuity plans we have in place may prove inadequate in the event of a serious disaster or similar event. We 78 Â may incur substantial expenses as a result of the limited nature of our disaster recovery and business continuity plans, which could have a material adverse effect on our business. Increased attention to, and evolving expectations for ESG initiatives could increase our costs, harm our reputation, or otherwise adversely impact our business. Companies across industries are facing increasing scrutiny from a variety of stakeholders related to their ESG and sustainability practices. Expectations regarding voluntary ESG initiatives and disclosures may result in increased costs (including but not limited to increased costs related to compliance, stakeholder engagement, contracting and insurance), enhanced compliance or disclosure obligations, or other adverse impacts to our business, financial condition, or results of operations. While we may at times engage in voluntary initiatives (such as voluntary disclosures, certifications, or goals, among others) to improve the ESG profile of our Company and/or product candidates and if approved, our products, such initiatives may be costly and may not have the desired effect. Moreover, we may not be able to successfully complete such initiatives due to factors that are within or outside of our control. Even if this is not the case, our actions may subsequently be determined to be insufficient by various stakeholders, and we may be subject to investor or regulator engagement on our ESG efforts, even if such initiatives are currently voluntary. Certain market participants, including major institutional investors and capital providers, use third-party benchmarks and scores to assess companiesâ€™ ESG profiles in making investment or voting decisions. Unfavorable ESG ratings or other reputational issues could result in various negative impacts, including negative investor sentiment, decreased interest in our shares, changes in the availability or cost of capital, or our ability to attract/retain employees, customers, or business partners. Simultaneously, some parties are seeking to restrict or eliminate companiesâ€™ attention to ESG matters. Both advocates and opponents to certain ESG matters are increasingly resorting to a range of activism forms, including media campaigns and litigation, to advance their perspectives. To the extent we are subject to such activism, it may require us to incur costs or otherwise adversely impact our business. In addition, we expect there will likely be increasing levels of regulation, disclosure-related and otherwise, with respect to ESG matters. For example, various policymakers, including the SEC and the State of California, have adopted or are considering adopting requirements for significantly expanded climate-related disclosures, which may require us to incur significant additional costs to comply, including the implementation of significant additional internal controls processes and procedures regarding matters that have not been subject to such controls in the past, and impose increased oversight obligations on our management and board of directors. These and other changes in stakeholder expectations will likely lead to increased costs as well as scrutiny that could heighten all of the risks identified in this risk factor. Additionally, many of our customers and suppliers may be subject to similar expectations, which may augment or create additional risks, including risks that may not be known to us. Litigation against us could be costly and time-consuming to defend and could result in additional liabilities. We may from time to time be subject to legal proceedings and claims that arise in the ordinary course of business or otherwise, such as claims brought by third parties in connection with commercial disputes and employment claims made by our current or former employees. Claims may also be asserted by or on behalf of a variety of other parties, including government agencies, patients or vendors of our customers, or stockholders. In the past, securities class action litigation has often been brought against a company following a decline in the market price of its securities. Any litigation involving us may result in substantial costs, operationally restrict our business, and may divert managementâ€™s attention and resources, which may seriously harm our business, overall financial condition and results of operations. Insurance may not cover existing or future claims, be sufficient to fully compensate us for one or more of such claims, or continue to be available on terms acceptable to us. A claim brought against us that is uninsured or underinsured could result in unanticipated costs, thereby adversely impacting our results of operations and resulting in a reduction in the trading price of our stock. The market price of our common stock has been volatile and may fluctuate substantially. Our stock price has been and is likely to remain volatile. Extreme fluctuations have occurred in our stock price. Additionally, the stock market in general, and The Nasdaq Global Select Market-listed companies and biopharmaceutical companies in particular have experienced extreme volatility in trading volume that exacerbates, is disproportionate to or in some cases

has been unrelated to the operating performance of 79 Â particular companies. As a result of this volatility, you may not be able to sell your common stock at a profit. The market price for our common stock may be influenced by many factors, including but not limited to: â€¢the success of competitive products or technologies; â€¢actual or expected changes in our growth rate relative to our competitors; â€¢results of our ongoing, planned or any future preclinical studies, clinical trials or clinical development of our product candidates or those of our competitors; â€¢unanticipated serious safety concerns related to the use of our product candidates; â€¢developments related to our existing or any future collaborations; â€¢developments concerning our manufacturers or our manufacturing plans; â€¢our inability to obtain adequate product supply for any approved product or inability to do so at acceptable prices; â€¢regulatory actions with respect to our product candidates or our competitorsâ€™ products and product candidates; â€¢regulatory or legal developments in the US and other countries; â€¢development of third-party product candidates that may address our markets and make our product candidates less attractive; â€¢changes in physician, hospital or healthcare provider practices that may make our product candidates less useful; â€¢our decision to initiate a clinical trial, not to initiate a clinical trial or to terminate an existing clinical trial; â€¢our failure to commercialize our product candidates; â€¢announcements by us, our partners or our competitors of significant acquisitions, strategic partnerships, joint ventures, collaborations or capital commitments; â€¢developments or disputes concerning patent applications, issued patents or other intellectual property or proprietary rights; â€¢the recruitment or departure of key scientific or management personnel; â€¢the level of expenses related to any of our product candidates or clinical development programs; â€¢failure to meet or exceed financial estimates and projections of the investment community or that we provide to the public; â€¢changes in accounting practices; â€¢the trading volume of our common stock; â€¢our cash, cash equivalents and marketable securities position; â€¢our ability to effectively manage our growth; â€¢sales of our common stock by us or our stockholders in the future; â€¢publication of research reports about us or our industry, or positive or negative recommendations or withdrawal of research coverage by securities analysts; â€¢ineffectiveness of our internal controls; â€¢significant lawsuits, including intellectual property or stockholder litigation; â€¢the results of our efforts to discover, develop, acquire or in-license additional product candidates or products; â€¢actual or expected changes in estimates as to financial results, development timelines or recommendations by securities analysts; 80 Â â€¢actual or anticipated variations in our financial results or those of companies that are perceived to be similar to us; â€¢changes in the structure of healthcare payment systems; â€¢market conditions in the pharmaceutical and biotechnology sectors; â€¢general economic, industry and market conditions, including rising inflation and interest rates; and â€¢the other factors described in this â€œRisk Factorsâ€ section. Broad market and industry factors may negatively affect the market price of our common stock, regardless of our actual operating performance. In the past, securities class action litigation has often been instituted against companies following periods of volatility in the market price of a companyâ€™s securities. This type of litigation, if instituted, could result in substantial costs and a diversion of managementâ€™s attention and resources, which would harm our business, financial condition and results of operations. If we fail to maintain effective internal control over financial reporting and effective disclosure controls and procedures, we may not be able to accurately report our financial results in a timely manner or prevent fraud, which may adversely affect investor confidence in our company. We are required to comply with the SECâ€™s rules implementing Sections 302 and 404 of the Sarbanes-Oxley Act, which require management to certify financial and other information in our quarterly and annual reports and provide an annual management report on the effectiveness of controls over financial reporting. In addition, we have in the past and may for future fiscal years beginning after January 1, 2025, be required to include an attestation report on internal control over financial reporting issued by our independent registered public accounting firm and our independent registered public accounting firm has in the past and may be required to attest to the effectiveness of our internal control over financial reporting pursuant to Section 404. Our independent registered public accounting firm may issue a report that is adverse in the event material weaknesses have been identified in our internal control over financial reporting. To comply with the requirements of Section 404, we may need to undertake additional actions, such as implementing new internal controls and procedures and hiring additional accounting or internal audit staff. We will need to continue to dedicate internal resources, engage outside consultants, adopt a detailed work plan to assess and document the adequacy of internal control over financial reporting, continue steps to improve control processes as appropriate, validate through testing whether such controls are functioning as documented, and implement a continuous reporting and improvement process for internal control over financial reporting. Testing and maintaining internal control can divert our managementâ€™s attention from other matters that are also important to the operation of our business. Despite our efforts, there is a risk that we will not be able to conclude, within the prescribed timeframe or at all, that our internal control over financial reporting is effective as required by Section 404. When evaluating our internal control over financial reporting, we may identify material weaknesses that we may not be able to remediate in time to meet the applicable deadline imposed upon us for compliance with the requirements of Section 404. If we identify any material weaknesses in our internal controls over financial reporting or we are unable to comply with the requirements of Section 404 in a timely manner or assert that our internal control over financial reporting is effective, or if our independent registered public accounting firm, if required, is unable to express an opinion as to the effectiveness of our internal control over financial reporting, investors may lose confidence in the accuracy and completeness of our financial reports. As a result, the market price of our common stock could be materially adversely affected. Our disclosure controls and procedures may not prevent or detect all errors or acts of fraud. We are subject to the periodic reporting requirements of the Exchange Act. We are continuing to refine our disclosure controls and procedures to provide reasonable assurance that information we must disclose in reports we file or submit under the Exchange Act is accumulated and communicated to management, and recorded, processed, summarized and reported within the time periods specified in the rules and forms of the SEC. We believe that any disclosure controls and procedures, no matter how well-conceived and operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. These inherent limitations include the realities that judgments in decision-making can be faulty, and that breakdowns can occur because of simple error or mistake. Additionally, controls can be circumvented by the individual acts of some persons, by collusion of two or more people or by an unauthorized override of the controls. Accordingly, because of the inherent limitations in our control system, misstatements due to error or fraud may occur and not be detected. 81 Â Because we do not anticipate paying any cash dividends on our common stock in the foreseeable future, capital appreciation, if any, is likely to be your sole source of gain. We have never declared or paid any cash dividends on our common stock. We currently anticipate that we will retain all available funds and future earnings for the development, operation and expansion of our business and do not anticipate declaring or paying any cash dividends for the foreseeable future. As a result, capital appreciation, if any, of our common stock is likely to be your sole source of gain on an investment in our common stock for the foreseeable future. Â Item 2. Unregistered Sales of Equity Securities and Use of Proceeds Recent Sales of Unregistered Securities None. Item 5. Other Information. Â Other than as disclosed below, during the three months ended September 30, 2024, no director or â€œofficerâ€ (as defined in Rule 16a-1(f) under the Exchange Act) of the Company adopted or terminated a â€œRule 10b5-1 trading arrangementâ€ or â€œnon-Rule 10b5-1 trading arrangementâ€, as each term is defined in Item 408(a) of Regulation S-K. On September 10, 2024, Maria Arantxa Horga, M.D., our Chief Medical Officer, terminated a Rule 10b5-1 trading arrangement, as defined in term 408(a) of Regulation S-K, that was adopted on June 17, 2024 to sell 67,198 shares of the Companyâ€™s common stock thru June 15, 2025. No shares of the Companyâ€™s common stock were sold under this trading arrangement prior to the termination. Â Â 82 Â Item 6. Exhibits. Â Â Â Â Â Incorporated by Reference Â Filed/ ExhibitNumber Â Exhibit Description Â Form Â File No. Â Exhibit Â FilingDate Â FurnishedHerewith Â Â Â Â Â

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Number of patients enrolled in the sunrise-3 clinical trial. Number of Patients Enrolled in the Sunrise-3 Clinical Trial Number of patients Weighted Average Number of Shares Outstanding, Diluted, Adjustment Dilutive effect of outstanding stock options Weighted Average Number Diluted Shares Outstanding Adjustment, Total Entity Incorporation, State or Country Code Entity Incorporation, State or Country Code Other comprehensive loss Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent [Abstract] Share-Based Payment Arrangement, Nonvested Award, Excluding Option, Cost Not yet Recognized, Amount Unrecognized compensation expense Issuance upon vesting of restricted stock units Stock Issued During Period, Value, Restricted Stock Award, Gross Shares, Outstanding Balance, shares Balance, shares Fair Value Hierarchy and NAV [Axis] Level 2 Share Based Compensation Arrangement By Sharebased Payment Award Equity Instruments Other Than Option Released In Period Weighted Average Grant Date Fair Value Weighted Average Grant Date Fair Value, Released Weighted average fair value as of the grant date of equity-based award plans other than stock (unit) option plans that were released during the period. Fair Value, Inputs, Level 2 [Member] Level 2 Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Share Based Compensation Arrangement By Share Based Payment Award [Line Items] Remainder of 2024 Lessee, Operating Lease, Liability, to be Paid, Remainder of Fiscal Year Leases Lessee, Operating Leases [Text Block] Commitments and Contingencies Disclosure [Text Block] Commitments and Contingencies The number of annual installments in which a share-based payment award vests. Number of installments Share Based Compensation Arrangement By Share Based Payment Award Vesting Number Of Installments Product and Service [Axis] Product and Service Award vesting percentage Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Rights, Percentage Employee Stock Purchase Plan Shares Employee Stock [Member] Employee Stock Purchase Plan Related Party Transaction [Line Items] Related Party Transaction [Line Items] Document Information [Table] Title and Position [Axis] Title of Individual Revenue from Contract with Customer [Text Block] Collaboration Agreement Sale of Stock [Domain] Cash and Cash Equivalents [Domain] Cash and Cash Equivalents Entity Central Index Key Entity Central Index Key Debt Securities, Available-for-Sale [Line Items] Number of patients enrolled in the HCV clinical trial. Number of Patients Enrolled In The HCV Clinical Trial Number of patients enrolled in the HCV clinical trial Increase (Decrease) in Operating Capital [Abstract] Changes in operating assets and liabilities: Common Stock, Shares, Issued Common stock, shares issued Common Stock, Shares, Issued, Total Number of shares issued Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Table] Schedule Of Employee Service Share Based Compensation Allocation Of Recognized Period Costs [Table] Increase (Decrease) in Prepaid Expense and Other Assets Prepaid expenses and other current assets Increase (Decrease) in Prepaid Expense and Other Assets, Total Income Statement [Abstract] Entity Address, State or Province Entity Address, State or Province Summary of Assets and Liabilities Recorded on Balance Sheet Supplemental Disclosure Of Balance Sheet Information Related To Leases Table [Text Block] Tabular disclosure of balance sheet information related to leases. Gross proceeds from issuance of common stock Stock Issued During Period, Value, Employee Stock Purchase Plan Issuance of common stock under employee stock purchase plan Income (Loss) from Continuing Operations before Income Taxes, Noncontrolling Interest Loss before income taxes Cumulative increase in percentage of number of shares of common stock issued and outstanding. Cumulative Increase in Percentage of Number of Shares of Common Stock Issued and Outstanding Cumulative increase in percentage of number of shares of common stock issued and outstanding Retainage Deposit Annual retainer Loss Contingencies [Table] Loss Contingencies [Table] Number of additional shares authorized Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Additional Shares Authorized Increased number of shares available under plan Aggregate fair value Debt Securities, Available-for-Sale, Unrealized Loss Position Debt Securities, Available-for-Sale, Unrealized Loss Position, Total Cover [Abstract] Earnings Per Share, Basic Earnings Per Share, Basic, Total Net loss per share, basic Net loss per share - basic Shares of common stock Shares of Common Stock Unrealized Gains Debt Securities, Available-for-Sale, Accumulated Gross Unrealized Gain, before Tax Operating Expenses [Abstract] Operating expenses: Compensation expense Share-Based Payment Arrangement, Expense Total stock-based compensation expense Performance-based Restricted Stock Units Performance Based Restricted Stock Units [Member] Performance based restricted stock units. Retained Earnings (Accumulated Deficit) Retained Earnings (Accumulated Deficit), Total Retained Earnings (Accumulated Deficit), Beginning Balance Retained Earnings (Accumulated Deficit), Ending Balance Accumulated deficit Plan Name [Axis] Plan Name Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Number Number of Shares, Outstanding Number of Shares, Outstanding Assets, Current [Abstract] Current assets Common Stock, Capital Shares Reserved for Future Issuance Common stock, capital shares reserved for future issuance Fair value assets measured on recurring basis. Fair Value Assets Measured On Recurring Basis [Abstract] Defined Benefit Plan [Table] Schedule Of Defined Benefit Plans Disclosures [Table] Net Cash Provided by (Used in) Operating Activities Net cash used in operating activities Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeitures, Weighted Average Grant Date Fair Value Weighted Average Grant Date Fair Value, Cancelled Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Exercisable, Number Number of Shares, Vested and exercisable Product and Service [Domain] Product and Service Accumulated other comprehensive gain Accumulated Other Comprehensive Income (Loss), Net of Tax Accumulated Other Comprehensive Income (Loss), Net of Tax, Total Office Space Office Space [Member] Office space. Property, Plant and Equipment, Net Property and equipment, net Property, Plant and Equipment, Net, Total Property, Plant and Equipment, Net, Beginning Balance Property, Plant and Equipment, Net, Ending Balance Net Cash Provided by (Used in) Operating Activities [Abstract] Cash flows from operating activities Disclosure of accounting policy for unaudited interim financial information. Unaudited Interim Financial Information Policy [Text Block] Unaudited Interim Financial Information Merck license agreement member. Merck License Agreement [Member] Merck License Agreement Common Stock, Par or Stated Value Per Share Common stock, par value Stock Options Unrealized gain on available-for-sale investments OCI, Debt Securities, Available-for-Sale, Unrealized Holding Gain (Loss), before Adjustment, after Tax The number of Company directors in control of a related party entity. Related Party Transaction Entity Controlled By Director Number Number of company directors in control of related party entity Statement of Cash Flows [Abstract] Counterparty Name [Axis] Counterparty Name The amount due upon achievement of specified milestones. Milestone Payments Milestone payments Antidilutive Securities, Name [Domain] Entity [Domain] The value of shares authorized to be issued under a stock issuance program. Stock Issuance Program Authorized Amount Aggregate offering price Equity Components [Axis] Equity Components Entity Address, Address Line One Entity Address, Address Line One Schedule of Earnings Per Share, Basic and Diluted [Table Text Block] Summary of Basic and Diluted Earnings Per Share Employee-related Liabilities, Current Payroll and payroll related Employee-related Liabilities, Current, Total Related Party Transaction [Table] Schedule Of Related Party Transactions By Related Party [Table] Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period Number of shares, Granted Number of units granted Summary of Antidilutive Securities Excluded from Computation of Net Loss Per Share Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share [Table Text Block] Marketable Securities Investments in Debt and Marketable Equity Securities (and Certain Trading Assets) Disclosure [Text Block] Stock units outstanding Number Of Shares,Outstanding Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number Number of shares, Outstanding Number of shares, Unvested Amendment Flag Amendment Flag Current Income Tax Expense (Benefit), Total Current Income Tax Expense (Benefit) Provision for income taxes Increase (Decrease) in Operating Lease Liability Operating lease liabilities Amount of noncash expense related to leasing arrangements. Non Cash Lease Expense NonCashLeaseExpense Operating lease liabilities Non-current lease liability Non-current portion of operating lease liabilities Securities maturing longer than one year Debt Securities, Available-for-Sale, Noncurrent Net loss Net loss Lessee, Lease, Description [Table] Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercises in Period Number of Shares, Exercised Issuance of common stock upon exercise of stock options, shares Operating Costs and Expenses, Total Operating Costs and Expenses Related party transaction expense Research and Development Expense [Member] Research and Development Expense Defined Contribution Plan, Cost Defined contribution plan recognized expense related to matching contributions Marketable Securities Marketable Securities [Member] Marketable securities. Equity Component [Domain] Equity Component Statistical Measurement [Domain] Statistical Measurement General and Administrative Expense General and administrative General and Administrative Expense, Total Share-Based Compensation Arrangement by Share-Based Payment Award, Expiration Period Award contractual term Disaggregation of Revenue [Table] Disaggregation Of Revenue [Table] Net Income (Loss), Including Portion Attributable to Noncontrolling Interest Net Income (Loss), Including Portion Attributable to Noncontrolling Interest, Total Net loss Preferred Stock, Shares Issued Preferred stock, shares issued Preferred Stock, Shares Issued, Total Proceeds from Stock Options Exercised Proceeds from issuance of common stock for exercise of stock options Payables and Accruals [Abstract] Stock Issued During Period, Shares, Employee Stock Purchase Plans Issuance of common stock under employee stock purchase plan, shares Issuance of common stock under ESPP, shares Number of shares granted Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Net of Forfeitures, Total Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Net of Forfeitures Number of Shares, Granted Prepaid Expense and Other Assets, Current Prepaid expenses and other current assets Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Exercisable, Weighted Average Exercise Price Weighted Average Exercise Price Per Share, Vested and exercisable Restricted cash Restricted Cash, Noncurrent Other comprehensive income (loss) Other Comprehensive Income (Loss), Net of Tax Other Comprehensive Income (Loss), Net of Tax, Total Collaborative Arrangement Disclosure [Text Block] Collaboration Agreement Comprehensive Income (Loss), Net of Tax, Attributable to Parent Comprehensive loss Common Stock, Shares, Outstanding Common stock, shares outstanding Common Stock, Shares, Outstanding, Beginning Balance Common Stock, Shares, Outstanding, Ending Balance Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding [Roll Forward] Purchases of marketable securities Payments to Acquire Debt Securities, Available-for-Sale Percentage of shares of common stock Outstanding Share Based Compensation Arrangement By Share Based Payment Award Annual Increase Percentage The maximum increase in the number of shares that may be issued under a share-based payment arrangement on the first day of each fiscal year, as a percentage of shares outstanding. Percentage of shares of common stock Outstanding Preferred Stock, Par or Stated Value Per Share Preferred stock, par value Business development consulting agreements. Business Development Consulting Agreements [Member] Business Development Consulting Agreements Antidilutive Securities [Axis] Corporate bonds Corporate Bond Securities [Member] Marketable debt securities, charges for credit-related impairments Debt Securities, Available-for-Sale, Allowance for Credit Loss, Not Previously Recorded Defined Benefit Plan Disclosure [Line Items] Defined Benefit Plan Disclosure [Line Items] Share-Based Payment Arrangement, Restricted Stock Unit, Activity [Table Text Block] Summary of Restricted Stock Units Entity Interactive Data Current Entity Interactive Data Current Lease expiration date Lease Expiration Date Document Quarterly Report Document Quarterly Report Research and development, including manufacturing and clinical expenditures Accrued Research and Development Expense including Manufacturing and Clinical Expenditures Current Carrying value as of the balance sheet date of obligations incurred and payable for research and development, including, but not limited to, manufacturing and clinical expenses. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). Total cash and cash equivalents Cash and cash equivalents at the end of period Cash and cash equivalents at the beginning of period Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents Total cash, cash equivalents and restricted cash Related Party Transactions Disclosure [Text Block] Related Party Transactions Statistical Measurement [Axis] Statistical Measurement Two thousand and fifteen employee stock purchase plan. Two Thousand and Fifteen Employee Stock Purchase Plan [Member] 2015 Employee Stock Purchase Plan Operating lease costs Operating Lease, Cost Assets measured at fair value Total Assets, Fair Value Disclosure Related and Nonrelated Parties [Domain] Lessee, Operating Lease, Liability, to be Paid, Maturity [Table Text Block] Summary of Future Minimum Payments under Operating Leases Director [Member] Director Commercial paper Commercial Paper [Member] Common stock available for issuance Number of shares available for future issuance Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Available for Grant Basis of Presentation and Significant Accounting Policies [Text Block] Summary of Significant Accounting Policies Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period, Weighted Average Grant Date Fair Value Weighted Average Grant Date Fair Value, Granted Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Period for Recognition Remaining weighted average period for recognize compensation expense The aggregate grant date fair value of equity instruments other than options granted during the period. Aggregate grant date fair market value of restricted stock units granted Share Based Compensation Arrangement By Share Based Payment Award Equity Instruments Other Than Options Granted In Period Aggregate Grant Date Fair Value Federal income taxes Federal Income Tax Expense (Benefit), Continuing Operations Federal Income Tax Expense (Benefit), Continuing Operations, Total Interest and Other Income Interest income and other, net Interest and Other Income, Total Statement of Income Location, Balance [Axis] Income Statement Location Nature Of Business [Table] Nature Of Business [Table] Nature of business. Cash and Cash Equivalents [Axis] Cash and Cash Equivalents Assets Total assets Recently Issued Accounting Pronouncements New Accounting Pronouncements, Policy [Policy Text Block] Entity Address, City or Town Entity Address, City or Town Accumulated Other Comprehensive Gain (Loss) AOCI Attributable to Parent [Member] Equity [Abstract] Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeited in Period Number of units cancelled due to terminations Number of shares, Cancelled Sharebased compensation arrangement by sharebased payment award options granted weighted average remaining contractual term.

Sharebased Compensation Arrangement by Sharebased Payment Award Options Granted Weighted Average Remaining Contractual Term Weighted Average Remaining Contractual Term (years), Granted Summary of Stock-based Compensation Expense by Award Type Share-Based Payment Arrangement, Cost by Plan [Table Text Block] Lease commencement date Lease Commencement Date Date which lease or group of leases is set to commence, in YYYY-MM-DD format. Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Exercisable, Weighted Average Remaining Contractual Term Weighted Average Remaining Contractual Term (years), Vested and exercisable Vesting of restricted stock units. Vesting of Restricted Stock Units Share-Based Payment Arrangement [Text Block] Stock-based Compensation Number of shares authorized Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Authorized Number of shares available for grant Defined Contribution Plan, Employer Matching Contribution, Percent of Employees' Gross Pay Defined contribution plan, employer matching contribution, percentage Fair Value Disclosures [Abstract] Maria Arantxa Horga. Maria Arantxa Horga [Member] Maria Arantxa Horga Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Forfeitures and Expirations in Period, Weighted Average Exercise Price Weighted Average Exercise Price Per Share, Cancelled Stock Issued During Period, Value, Stock Options Exercised Issuance of common stock upon exercise of stock options Liabilities, Current [Abstract] Current liabilities Location of office space Location of Office Space Location of Office Space Document Type Document Type Disclosure of accounting policy for significant accounting policies. Significant Accounting Policies Policy [Text Block] Significant Accounting Policies U.S. Government agency securities US Government Agencies Debt Securities [Member] US Government agency securities Title of 12(b) Security Title of 12(b) Security Cash and Cash Equivalents, at Carrying Value Cash and cash equivalents Cash and Cash Equivalents, at Carrying Value, Total Cash and Cash Equivalents, at Carrying Value, Beginning Balance Cash and Cash Equivalents, at Carrying Value, Ending Balance Statement of Stockholders' Equity [Abstract] Document Fiscal Period Focus Document Fiscal Period Focus Research and development expense Research and Development Expense Research and development Research and Development Expense, Total Options granted Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Gross Indefinite-Lived Intangible Assets [Axis] Indefinite-lived Intangible Assets Address Type [Domain] Consolidation, Policy [Policy Text Block] Principles of Consolidation Financial Instruments [Domain] Former Address Former Address [Member] Sale of Stock [Axis] Net Cash Provided by (Used in) Investing Activities [Abstract] Cash flows from investing activities Revenue from Contract with Customer, Excluding Assessed Tax Collaboration revenue Revenue from Contract with Customer, Excluding Assessed Tax, Total Income Tax Disclosure [Text Block] Income Taxes Disclosure of information about assets at fair value on recurring basis. Fair Value Assets Measured On Recurring Basis [Table] Fair Value Assets Measured On Recurring Basis [Table] Debt Securities, Available-for-Sale [Table] Consulting agreement. Consulting Agreement [Member] Consulting Agreement Depreciation, Depletion and Amortization, Nonproduction Depreciation and amortization expense Depreciation, Depletion and Amortization, Nonproduction, Total Deferred Tax Assets To Offset Taxable Income Deferred tax assets to offset taxable income Amount of deferred tax asset used to offset taxable income during the period. Increase (Decrease) in Accounts Payable Accounts payable Increase (Decrease) in Accounts Payable, Total Entity Address, Address Line Two Liabilities and Equity [Abstract] Liabilities and Stockholdersâ€™ Equity Document Period End Date Document Period End Date Net Cash Provided by (Used in) Financing Activities Net cash provided by financing activities Stock Issued During Period, Shares, Restricted Stock Award, Gross Issuance upon vesting of restricted stock units, shares Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount Number of shares excluded from computation of diluted net income per share APIC, Share-Based Payment Arrangement, Increase for Cost Recognition Stock-based compensation expense APIC, Share-based Payment Arrangement, Increase for Cost Recognition, Total Employee stock purchase plan. Employee Stock Purchase Plan [Member] Employee Stock Purchase Plan Income tax expense Income Tax Expense (Benefit) Income Tax Expense (Benefit), Total Income tax expense (benefit) Debt Securities, Available-for-Sale [Abstract] Trading Symbol Trading Symbol Equity, Attributable to Parent Balance Balance Total stockholdersâ€™ equity Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. Fair Value Assets Measured On Recurring Basis [Line Items] Fair Value Assets Measured On Recurring Basis [Line Items] Long-Lived Tangible Asset [Axis] 2024 Performance-based Restricted Stock Units [Member] Two Thousand And Twenty Four Performance-based Restricted Stock Units [Member] Two thousand and twenty four performance-based restricted stock units. State income taxes State and Local Income Tax Expense (Benefit), Continuing Operations State and Local Income Tax Expense (Benefit), Continuing Operations, Total Restricted Stock Units Restricted Stock Units (RSUs) [Member] Related Party Transactions [Abstract] Roche license agreement. Roche License Agreement [Member] Roche License Agreement Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Table Text Block] Schedule of Stock-based Compensation Expense Organization Nature of Operations [Text Block] Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Exercisable, Aggregate Intrinsic Value Aggregate Intrinsic Value, Vested and exercisable Unrealized Losses Debt Securities, Available-for-Sale, Accumulated Gross Unrealized Loss, before Tax Share-Based Payment Arrangement, Nonvested Award, Option, Cost Not yet Recognized, Amount Unrecognized compensation expense Leases [Abstract] Use of Estimates, Policy [Policy Text Block] Use of Estimates Adjustments to additional paid in capital share based compensation requisite service period recognition shares. Adjustments To Additional Paid In Capital Share based Compensation Requisite Service Period Recognition Shares Stock-based compensation expense, shares Share-Based Payment Arrangement, Additional Disclosure [Abstract] Related Party [Member] Related Party Security Exchange Name Security Exchange Name Counterparty Name [Domain] Counterparty Name Operating Expenses Total operating expenses Long-Lived Tangible Asset [Domain] Jefferies LLC. Jefferies LLC [Member] Jeffries Legal Entity [Axis] Fair Value Disclosures [Text Block] Fair Value Measurements Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Weighted Average Grant Date Fair Value Aggregate average grant date fair value per option granted Maximum [Member] Maximum Maximum Liabilities and Equity Total liabilities and stockholdersâ€™ equity Operating lease right-of-use assets, net Operating Lease, Right-of-Use Asset Right-of-use asset Retirement Benefits [Abstract] Earnings Per Share, Diluted Earnings Per Share, Diluted, Total Net loss per share, diluted Net loss per share - diluted Triggering expense recognition Triggering Expense Recognition Percentage The amount of expense recognized as of the balance sheet date due to metric achievement probability, as a percentage. Liabilities Total liabilities Performance-based Stock Units Performance-based Stock Units [Member] Performance-based stock units. Common Stock, Voting Rights Common stock voting rights per share Fair Value Hierarchy and NAV [Domain] Fair Value Hierarchy and NAV Assets, Current Total current assets Net cash provided by investing activities Net Cash Provided by (Used in) Investing Activities Two thousand twenty incentive award plan. Two Thousand Twenty Incentive Award Plan [Member] 2020 Incentive Award Plan Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Period Vesting contractual term Entity Filer Category Entity Filer Category Number of shares, Released Share Based Compensation Arrangement By Share Based Payment Award Equity Instruments Other Than Options Released In Period Number of shares, Released The number of equity-based payment instruments, excluding stock (or unit) options, that were released during the reporting period. Current Fiscal Year End Date Current Fiscal Year End Date Less amount representing implied interest Lessee, Operating Lease, Liability, Undiscounted Excess Amount Less amount representing implied interest Share-Based Payment Arrangement, Noncash Expense Stock-based compensation expense Share-based Payment Arrangement, Noncash Expense, Total Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Intrinsic Value Aggregate Intrinsic Value, Outstanding Related and Nonrelated Parties [Axis] Nature of business. Nature Of Business [Abstract] Entity Registrant Name Entity Registrant Name Debt securities in unrealized loss position Debt Securities, Available-for-Sale, Unrealized Loss Position, Accumulated Loss Debt Securities, Available-for-Sale, Unrealized Loss Position, Accumulated Loss, Total Indefinite-Lived Intangible Assets, Major Class Name [Domain] Indefinite-lived Intangible Assets, Major Class Name Compensation and Employee Benefit Plans [Text Block] Benefit Plan Schedule of Share-Based Compensation Arrangements by Share-Based Payment Award [Table] Schedule Of Share Based Compensation Arrangements By Share Based Payment Award [Table] Earnings Per Share [Text Block] Net Loss Per Share Entity Emerging Growth Company Entity Emerging Growth Company Money Market Funds [Member] Money Market Funds Weighted Average Number of Shares Outstanding, Basic Weighted average common shares outstanding, basic Weighted Average Number of Shares Outstanding, Basic, Total Weighted-average number of common shares - basic Loss Contingencies [Line Items] Loss Contingencies [Line Items] Common Stock, Shares Authorized Common stock, shares authorized Proceeds from sales and maturities of marketable securities Proceeds from Sale and Maturity of Marketable Securities Sales and maturities of marketable securities 2022 Performance-based Restricted Stock Units [Member] Two Thousand And Twenty Two Performance Based Restricted Stock Units [Member] Two thousand and twenty two performance based restricted stock units. Cash and Cash Equivalents [Abstract] Cash equivalents Fair Value, Inputs, Level 1 [Member] Level 1 Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Weighted Average Exercise Price Weighted Average Exercise Price Per Share, Vested and expected to vest Share-Based Compensation Arrangements by Share-Based Payment Award, Options, Grants in Period, Weighted Average Exercise Price Weighted Average Exercise Price Per Share, Granted Financial Instrument [Axis] Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Remaining Contractual Term Weighted Average Remaining Contractual Term (years), Outstanding General and Administrative Expense [Member] General and Administrative Share-Based Payment Arrangement [Abstract] Share Based Compensation Arrangement By Share Based Payment Award Equity Instruments Options Granted In Period Aggregate Grant Date Fair Value Aggregate average grant date fair value per option granted The aggregate grant date fair value of options granted during the period. The aggregate amount payable by the Company, as part of a consulting agreement. The payout amount is a success fee calculated as a percentage of certain product sales. Consulting Agreement Success Fee Payout Success fee Number of patients enrolled for the HCV. Number of Patients Enrolled for the HCV Number of Patients Enrolled for the HCV Marketable Securities Available for Sale Fair Value Marketable securities Debt Securities, Available-for-Sale, Total Accounting Policies [Abstract] Share-Based Payment Arrangement, Option, Activity [Table Text Block] Summary of Stock Options Activity Income Tax Disclosure [Abstract] Equity, Attributable to Parent [Abstract] Stockholdersâ€™ equity: Statement [Table] Statement [Table] Share-Based Compensation Arrangement by Share-Based Payment Award, Award Requisite Service Period Vesting service period Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Weighted Average Remaining Contractual Term Weighted Average Remaining Contractual Term (years), Vested and expected to vest Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Exercise Price [Abstract] Weighted Average Exercise Price Per Share Preferred Stock, Shares Authorized Preferred stock, shares authorized Securities Act File Number Entity File Number Asset-backed securities Asset-Backed Securities [Member] Net decrease in cash and cash equivalents Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Including Exchange Rate Effect Open market sale agreement. Open Market Sale Agreement [Member] Sales Agreement Revenue from Contract with Customer [Abstract] Earnings Per Share [Abstract] Net loss per share - basic and diluted Statement of Financial Position [Abstract] Operating Income (Loss) Loss from operations Accrued Income Taxes, Current Income taxes Entity Shell Company Entity Shell Company From 2013 Plan From Two Thousand Thirteen Incentive Plan [Member] From Two Thousand Thirteen Incentive Plan [Member] Entity Tax Identification Number Entity Tax Identification Number Two thousand and twenty employee stock purchase plan. Two Thousand and Twenty Employee Stock Purchase Plan [Member] 2020 Employee Stock Purchase Plan Assets [Abstract] Assets Research and development net credits adjustment The aggregate credit recorded during the period to research and development expense as a result of adjustments to amounts originally reported and the close out of certain activities. Research and Development Credit Adjustment Entity Current Reporting Status Entity Current Reporting Status 2013 Incentive Plan Two Thousand Thirteen Incentive Plan [Member] Two thousand thirteen incentive plan. Lessor, Lease, Description [Line Items] Increase (Decrease) in Contract with Customer, Liability Deferred revenue Document Fiscal Year Focus Document Fiscal Year Focus Cash and cash equivalents and marketable securities Cash, Cash Equivalents, and Short-Term Investments, Total Entity controlled by director. Entity Controlled by Director [Member] Entity Controlled by Director Preferred Stock, Value, Issued Preferred Stock, Value, Issued, Total Preferred Stock, Value, Issued, Beginning Balance Preferred Stock, Value, Issued, Ending Balance Preferred stock, $0.001 par value per share; 10,000,000 shares authorized; no shares issued and outstanding Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Forfeitures and Expirations in Period, Total Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Forfeitures and Expirations in Period Number of Shares, Cancelled City Area Code City Area Code Liabilities, Current Net liability related to reimbursable costs Total current liabilities Accrued Liabilities and Other Liabilities Accrued expenses and other current liabilities Total accrued expenses and other current liabilities Accrued expenses and other current liabilities The entire disclosure for common stock, including, but not limited to, the number of shares issued and outstanding, voting rights, and number of shares reserved for each class of stock. Common Stock [Text Block] Common Stock Organization, Consolidation and Presentation of Financial Statements [Abstract] Local Phone Number Local Phone Number Preferred Stock, Shares Outstanding Preferred stock, shares outstanding Preferred Stock, Shares Outstanding, Beginning Balance Preferred Stock, Shares Outstanding, Ending Balance Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Additional Paid in Capital Additional paid-in capital Additional Paid in Capital, Total Additional Paid in Capital, Beginning Balance Additional Paid in Capital, Ending Balance Defined Contribution Plan, Employer Matching Contribution, Percent of Match Defined contribution plan, employer matching contribution, percentage Commitments and Contingencies Disclosure [Abstract] Amortized Cost Amortized Cost Debt Securities, Available-for-Sale, Amortized Cost Operating lease liabilities Current portion of operating lease liabilities Current lease liability Document Information [Line Items] Retained Earnings [Member] Accumulated Deficit Payments to Acquire Property, Plant, and Equipment Additions to property and equipment Payments to Acquire Property, Plant, and Equipment, Total Document Transition Report Document Transition Report Increase (Decrease) in Other Operating Assets Other assets Increase (Decrease) in Other Operating Assets, Total 2026 Lessee, Operating Lease, Liability, to be Paid, Year Two The commission rate the Company agreed to pay for shares sold under a Sales Agreement, as a percentage of aggregate gross sales proceeds from each sale of shares. Commission Rate Commission percentage of aggregate gross proceeds from each sale of shares Antidilutive Security, Excluded EPS Calculation [Table] Proceeds from issuance of common stock under ESPP Gross proceeds from issuance of common stock Proceeds from Stock Plans Share-Based Compensation Arrangements by Share-Based Payment Award, Options, Exercises in Period, Weighted Average Exercise Price Weighted Average Exercise Price Per Share, Exercised Minimum Minimum [Member] Common Stock [Member] Common Stock Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Line Items] Employee Service Share Based Compensation Allocation Of Recognized Period Costs [Line Items] Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Aggregate Intrinsic Value Aggregate Intrinsic Value, Vested and expected to vest Aggregate grant date fair market value The aggregate grant date fair value of options granted during the period. Share Based Compensation Arrangement By Share Based Payment Award Options Granted In Period Aggregate Grant Date Fair Value Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Weighted Average Grant Date Fair Value Weighted Average Grant Date Fair Value, Unvested Weighted Average Grant Date Fair Value, Outstanding Additional Paid-in Capital [Member] Additional Paid-in Capital Marketable securities Debt Securities, Available-for-Sale, Current Adjustments to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract] Adjustments to reconcile net loss to net cash used in operating activities: Statement of Income Location, Balance [Domain] Income Statement Location Carrying value as of the balance sheet date of obligations incurred and payable for licensing arrangements. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). License fee Accrued License Fees Current 2025 Lessee, Operating Lease, Liability, to be Paid, Year One Lessor, Operating Lease, Existence of Option to Extend [true false] Other Assets, Noncurrent Other assets Entity Common Stock, Shares Outstanding Entity Common Stock, Shares Outstanding Increase (Decrease) in Accrued Liabilities and Other Operating Liabilities Accrued expenses and other liabilities Disaggregation of Revenue [Line Items] Disaggregation Of Revenue [Line Items] Basis of Accounting, Policy [Policy Text Block] Basis of Presentation Title and Position [Domain] Title of Individual Common stock, $0.001 par value; 300,000,000 shares authorized; 84,463,059 and 83,435,513 shares issued and outstanding as of September 30, 2024 and December 31, 2023, respectively Common Stock, Value, Issued Common Stock, Value, Issued, Total Common Stock, Value, Issued, Beginning Balance Common Stock, Value, Issued, Ending Balance Carrying value as of the balance sheet date of obligations incurred through that date and payable for professional fees, such as for legal and accounting services received, and fees classified as other. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). Accrued Professional Fees And Other Current Professional fees and other Cash equivalents Cash and Cash Equivalents, Fair Value Disclosure Fair Value, Assets Measured on Recurring Basis [Table Text Block] Schedule of Financial Assets Measured at Fair Value on Recurring Basis Total lease liability Operating lease liability Operating Lease, Liability Total lease liability Schedule of Marketable Securities Debt Securities, Available-for-Sale [Table Text Block] Schedule of Accrued Liabilities [Table Text Block] Schedule of Accrued Expenses and Other Current Liabilities Commitments and contingencies (see Note 12) Commitments and Contingencies Weighted Average Number of Shares Outstanding, Diluted Weighted average common shares outstanding, diluted Weighted-average number of common shares - diluted Accounts

receivable Accounts Receivable, after Allowance for Credit Loss, Current Accounts Receivable, after Allowance for Credit Loss, Current, Total Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Number Number of Shares, Vested and expected to vest Lessee, Operating Lease, Liability, to be Paid Total lease payments Weighted-average number of common shares - basic and diluted Weighted Average Number of Shares Outstanding, Diluted [Abstract] Entity Small Business Entity Small Business Performance based restricted stock units terms of award Share-Based Compensation Arrangement by Share-Based Payment Award, Terms of Award U.S. Treasury obligations US Treasury Securities [Member] US Treasury obligations Accretion of premium and discounts on marketable securities Accretion (Amortization) of Discounts and Premiums, Investments Net Cash Provided by (Used in) Financing Activities [Abstract] Cash flows from financing activities Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Exercise Price Weighted Average Exercise Price Per Share, Outstanding Weighted Average Exercise Price Per Share, Outstanding Accounts Payable, Accrued Liabilities, and Other Liabilities Disclosure, Current [Text Block] Accrued Expenses and Other Current Liabilities Debt Securities, Available-for-Sale, Unrealized Loss Position, Number of Positions Number of held securities Fair Value, Inputs, Level 3 [Member] Level 3 Accounts Payable, Current Accounts payable Accounts Payable, Current, Total Jean-Pierre Sommadossi. Jean-Pierre Sommadossi [Member] Jean-Pierre Sommadossi Income taxes payable Accrued Income Taxes, Noncurrent XML 8 R1.htm IDEA: XBRL DOCUMENT v3.24.3 Document and Entity Information - shares 9 Months Ended Sep. 30, 2024 Nov. 04, 2024 Document Information [Line Items] Â Â Document Type 10-Q Â Amendment Flag false Â Document Period End Date Sep. 30, 2024 Â Document Fiscal Year Focus 2024 Â Document Fiscal Period Focus Q3 Â Trading Symbol AVIR Â Entity Registrant Name Atea Pharmaceuticals, Inc. Â Entity Central Index Key 0001593899 Â Current Fiscal Year End Date --12-31 Â Entity Filer Category Non-accelerated Filer Â Entity Small Business true Â Entity Emerging Growth Company false Â Entity Common Stock, Shares Outstanding Â 84,463,059 Entity Current Reporting Status Yes Â Entity Shell Company false Â Entity File Number 001-39661 Â Entity Incorporation, State or Country Code DE Â Entity Tax Identification Number 46-0574869 Â Entity Address, Address Line One 225 Franklin Street Â Entity Address, Address Line Two Suite 2100 Â Entity Address, City or Town Boston Â Entity Address, State or Province MA Â Entity Address, Postal Zip Code 02110 Â City Area Code 857 Â Local Phone Number 284-8891 Â Entity Interactive Data Current Yes Â Title of 12(b) Security Common Stock, $0.001 par value per share Â Security Exchange Name NASDAQ Â Document Quarterly Report true Â Document Transition Report false Â X - DefinitionBoolean flag that is true when the XBRL content amends previously-filed or accepted submission. + ReferencesNo definition available. + Details Name: dei_AmendmentFlag Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionArea code of city + ReferencesNo definition available. + Details Name: dei_CityAreaCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionEnd date of current fiscal year in the format --MM-DD. + ReferencesNo definition available. + Details Name: dei_CurrentFiscalYearEndDate Namespace Prefix: dei_ Data Type: xbrli:gMonthDayItemType Balance Type: na Period Type: duration X - DefinitionFiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalPeriodFocus Namespace Prefix: dei_ Data Type: dei:fiscalPeriodItemType Balance Type: na Period Type: duration X - DefinitionThis is focus fiscal year of the document report in YYYY format. For a 2006 annual report, which may also provide financial information from prior periods, fiscal 2006 should be given as the fiscal year focus. Example: 2006. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalYearFocus Namespace Prefix: dei_ Data Type: xbrli:gYearItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: dei_DocumentInformationLineItems Namespace Prefix: dei_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFor the EDGAR submission types of Form 8-K: the date of the report, the date of the earliest event reported; for the EDGAR submission types of Form N-1A: the filing date; for all other submission types: the end of the reporting or transition period. The format of the date is YYYY-MM-DD. + ReferencesNo definition available. + Details Name: dei_DocumentPeriodEndDate Namespace Prefix: dei_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as an quarterly report. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 10-Q -Number 240 -Section 308 -Subsection a + Details Name: dei_DocumentQuarterlyReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as a transition report. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Forms 10-K, 10-Q, 20-F -Number 240 -Section 13 -Subsection a-1 + Details Name: dei_DocumentTransitionReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionThe type of document being provided (such as 10-K, 10-Q, 485BPOS, etc). The document type is limited to the same value as the supporting SEC submission type, or the word 'Other'. + ReferencesNo definition available. + Details Name: dei_DocumentType Namespace Prefix: dei_ Data Type: dei:submissionTypeItemType Balance Type: na Period Type: duration X - DefinitionAddress Line 1 such as Attn, Building Name, Street Name + ReferencesNo definition available. + Details Name: dei_EntityAddressAddressLine1 Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionAddress Line 2 such as Street or Suite number + ReferencesNo definition available. + Details Name: dei_EntityAddressAddressLine2 Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionName of the City or Town + ReferencesNo definition available. + Details Name: dei_EntityAddressCityOrTown Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionCode for the postal or zip code + ReferencesNo definition available. + Details Name: dei_EntityAddressPostalZipCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionName of the state or province. + ReferencesNo definition available. + Details Name: dei_EntityAddressStateOrProvince Namespace Prefix: dei_ Data Type: dei:stateOrProvinceItemType Balance Type: na Period Type: duration X - DefinitionA unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityCentralIndexKey Namespace Prefix: dei_ Data Type: dei:centralIndexKeyItemType Balance Type: na Period Type: duration X - DefinitionIndicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument. + ReferencesNo definition available. + Details Name: dei_EntityCommonStockSharesOutstanding Namespace Prefix: dei_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionIndicate 'Yes' or 'No' whether registrants (1) have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's current or most recent filing containing the related disclosure. + ReferencesNo definition available. + Details Name: dei_EntityCurrentReportingStatus Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - DefinitionIndicate if registrant meets the emerging growth company criteria. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityEmergingGrowthCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionCommission file number. The field allows up to 17 characters. The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen. + ReferencesNo definition available. + Details Name: dei_EntityFileNumber Namespace Prefix: dei_ Data Type: dei:fileNumberItemType Balance Type: na Period Type: duration X - DefinitionIndicate whether the registrant is one of the following: Large Accelerated Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the registrant's current or most recent filing containing the related disclosure. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityFilerCategory Namespace Prefix: dei_ Data Type: dei:filerCategoryItemType Balance Type: na Period Type: duration X - DefinitionTwo-character EDGAR code representing the state or country of incorporation. + ReferencesNo definition available. + Details Name: dei_EntityIncorporationStateCountryCode Namespace Prefix: dei_ Data Type: dei:edgarStateCountryItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true when the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-T -Number 232 -Section 405 + Details Name: dei_EntityInteractiveDataCurrent Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - DefinitionThe exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityRegistrantName Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityShellCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionIndicates that the company is a Smaller Reporting Company (SRC). + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntitySmallBusiness Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionThe Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned by the IRS. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityTaxIdentificationNumber Namespace Prefix: dei_ Data Type: dei:employerIdItemType Balance Type: na Period Type: duration X - DefinitionLocal phone number for entity. + ReferencesNo definition available. + Details Name: dei_LocalPhoneNumber Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionTitle of a 12(b) registered security. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b + Details Name: dei_Security12bTitle Namespace Prefix: dei_ Data Type: dei:securityTitleItemType Balance Type: na Period Type: duration X - DefinitionName of the Exchange on which a security is registered. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection d1-1 + Details Name: dei_SecurityExchangeName Namespace Prefix: dei_ Data Type: dei:edgarExchangeCodeItemType Balance Type: na Period Type: duration X - DefinitionTrading symbol of an instrument as listed on an exchange. + ReferencesNo definition available. + Details Name: dei_TradingSymbol Namespace Prefix: dei_ Data Type: dei:tradingSymbolItemType Balance Type: na Period Type: duration XML 9 R2.htm IDEA: XBRL DOCUMENT v3.24.3 Condensed Consolidated Balance Sheets (Unaudited) - USD ($) $ in Thousands Sep. 30, 2024 Dec. 31, 2023 Current assets Â Â Cash and cash equivalents $ 98,463 $ 143,823 Marketable securities 384,350 434,283 Prepaid expenses and other current assets 4,093 12,349 Total current assets 486,906 590,455 Property and equipment, net 977 1,289 Other assets 1,683 1,396 Operating lease right-of-use assets, net 1,391 1,828 Total assets 490,957 594,968 Current liabilities Â Â Accounts payable 5,785 4,252 Accrued expenses and other current liabilities 18,615 27,364 Current portion of operating lease liabilities 790 760 Total current liabilities 25,190 32,376 Operating lease liabilities 1,045 1,642 Income taxes payable 6,201 5,758 Total liabilities 32,436 39,776 Commitments and contingencies (see Note 12) Stockholdersâ€™ equity: Â Â Preferred stock, $0.001 par value per share; 10,000,000 shares authorized; no shares issued and outstanding Common stock, $0.001 par value; 300,000,000 shares authorized; 84,463,059 and 83,435,513 shares issued and outstanding as of September 30, 2024 and December 31, 2023, respectively 84 83 Additional paid-in capital 788,473 750,737 Accumulated other comprehensive gain 641 207 Accumulated deficit (330,677) (195,835) Total stockholdersâ€™ equity 458,521 555,192 Total liabilities and stockholdersâ€™ equity $ 490,957 $ 594,968 X - DefinitionCarrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10 + Details Name: us-gaap_AccountsPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying amount as of the balance sheet date of the unpaid sum of the known and estimated amounts payable to satisfy all domestic and foreign income tax obligations due beyond one year or the operating cycle, whichever is longer. Alternate captions include income taxes payable, noncurrent. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(15)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_AccruedIncomeTaxesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of expenses incurred but not yet paid nor invoiced, and liabilities classified as other. + ReferencesNo definition available. + Details Name: us-gaap_AccruedLiabilitiesAndOtherLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14 + Details Name: us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of excess of issue price over par or stated value of stock and from other transaction involving stock or stockholder. Includes, but is not limited to, additional paid-in capital (APIC) for common and preferred stock. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_AdditionalPaidInCapital Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI

https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 12: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 13: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 30: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Assets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 10: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards 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http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7 + Details Name: us-gaap_AssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_AssetsCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481830/320-10-45-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1 + Details Name: us-gaap_AvailableForSaleSecuritiesDebtSecuritiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashAndCashEquivalentsAtCarryingValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionRepresents the caption on the face of the balance sheet to indicate that the entity has entered into (1) purchase or supply arrangements that will require expending a portion of its resources to meet the terms thereof, and (2) is exposed to potential losses or, less frequently, gains, arising from (a) possible claims against a company's resources due to future performance under contract terms, and (b) possible losses or likely gains from uncertainties that will ultimately be resolved when one or more future events that are deemed likely to occur do occur or fail to occur. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_CommitmentsAndContingencies Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_CommonStockValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 15:

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https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B 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liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(32)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LiabilitiesAndStockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal obligations incurred as part of normal operations that are expected to be paid during the following twelve months or within one business cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 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Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-5Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 21: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7 + Details Name: us-gaap_LiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_LiabilitiesCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as noncurrent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's right to use underlying asset under operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseRightOfUseAsset Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of noncurrent assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherAssetsNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAggregate par or stated value of issued nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable preferred shares, par value and other disclosure concepts are in another section within stockholders' equity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_PreferredStockValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of asset related to consideration paid in advance for costs that provide economic benefits in future periods, and amount of other assets that are expected to be realized or consumed within one year or the normal operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_PrepaidExpenseAndOtherAssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 360 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478451/942-360-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of accumulated undistributed earnings (deficit). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-11Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_RetainedEarningsAccumulatedDeficit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -

Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2 + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_StockholdersEquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 10 R3.htm IDEA: XBRL DOCUMENT v3.24.3 Condensed Consolidated Balance Sheets (Parenthetical) (Unaudited) - $ / shares Sep. 30, 2024 Dec. 31, 2023 Statement of Financial Position [Abstract] Â Â Preferred stock, par value $ 0.001 $ 0.001 Preferred stock, shares authorized 10,000,000 10,000,000 Preferred stock, shares issued 0 0 Preferred stock, shares outstanding 0 0 Common stock, par value $ 0.001 $ 0.001 Common stock, shares authorized 300,000,000 300,000,000 Common stock, shares issued 84,463,059 83,435,513 Common stock, shares outstanding 84,463,059 83,435,513 X - DefinitionFace amount or stated value per share of common stock. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockParOrStatedValuePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe maximum number of common shares permitted to be issued by an entity's charter and bylaws. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_CommonStockSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionTotal number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares of common stock outstanding. Common stock represent the ownership interest in a corporation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3 + Details Name: us-gaap_CommonStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionFace amount or stated value per share of preferred stock nonredeemable or redeemable solely at the option of the issuer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13 + Details Name: us-gaap_PreferredStockParOrStatedValuePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe maximum number of nonredeemable preferred shares (or preferred stock redeemable solely at the option of the issuer) permitted to be issued by an entity's charter and bylaws. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_PreferredStockSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares issued for nonredeemable preferred shares and preferred shares redeemable solely at option of issuer. Includes, but is not limited to, preferred shares issued, repurchased, and held as treasury shares. Excludes preferred shares classified as debt. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13 + Details Name: us-gaap_PreferredStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionAggregate share number for all nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer) held by stockholders. Does not include preferred shares that have been repurchased. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3 + Details Name: us-gaap_PreferredStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_StatementOfFinancialPositionAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 11 R4.htm IDEA: XBRL DOCUMENT v3.24.3 Condensed Consolidated Statements of Operations and Comprehensive Income (Loss) (Unaudited) - USD ($) $ in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Operating expenses: Â Â Â Â Research and development $ 26,159 $ 28,181 $ 118,430 $ 79,198 General and administrative 11,043 12,604 35,494 38,391 Total operating expenses 37,202 40,785 153,924 117,589 Loss from operations (37,202) (40,785) (153,924) (117,589) Interest income and other, net 6,277 7,864 19,782 21,466 Loss before income taxes (30,925) (32,921) (134,142) (96,123) Income tax expense (226) (221) (700) (669) Net loss (31,151) (33,142) (134,842) (96,792) Other comprehensive loss Â Â Â Â Unrealized gain on available-for-sale investments 921 48 434 422 Comprehensive loss $ (30,230) $ (33,094) $ (134,408) $ (96,370) Net loss per share - basic and diluted Â Â Â Â Net loss per share - basic $ (0.37) $ (0.4) $ (1.6) $ (1.16) Net loss per share - diluted $ (0.37) $ (0.4) $ (1.6) $ (1.16) Weighted-average number of common shares - basic and diluted Â Â Â Â Weighted-average number of common shares - basic 84,422,000 83,399,769 84,198,117 83,374,328 Weighted-average number of common shares - diluted 84,422,000 83,399,769 84,198,117 83,374,328 X - DefinitionAmount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income, attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-5 + Details Name: us-gaap_ComprehensiveIncomeNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareBasic Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period available to each share of common stock or common unit outstanding during the reporting period and to each share or unit that would have been outstanding assuming the issuance of common shares or units for all dilutive potential common shares or units outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6:

http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareDiluted Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe aggregate total of expenses of managing and administering the affairs of an entity, including affiliates of the reporting entity, which are not directly or indirectly associated with the manufacture, sale or creation of a product or product line. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1 + Details Name: us-gaap_GeneralAndAdministrativeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of income (loss) from continuing operations, including income (loss) from equity method investments, before deduction of income tax expense (benefit), and income (loss) attributable to noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 9: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 11: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 12: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_IncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe amount of interest income and other income recognized during the period. Included in this element is interest derived from investments in debt securities, cash and cash equivalents, and other investments which reflect the time value of money or transactions in which the payments are for the use or forbearance of money and other income from ancillary business-related activities (that is, excluding major activities considered part of the normal operations of the business). + ReferencesNo definition available. + Details Name: us-gaap_InterestAndOtherIncome Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef 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Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionGenerally recurring costs associated with normal operations except for the portion of these expenses which can be clearly related to production and included in cost of sales or services. Includes selling, general and administrative expense. + ReferencesNo definition available. + Details Name: us-gaap_OperatingExpenses Namespace Prefix: us-gaap_ Data

Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OperatingExpensesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe net result for the period of deducting operating expenses from operating revenues. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31 + Details Name: us-gaap_OperatingIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, after tax and before adjustment, of unrealized holding gain (loss) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). Excludes unrealized gain (loss) on investment in debt security measured at amortized cost (held-to-maturity) from transfer to available-for-sale. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-9Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11 + Details Name: us-gaap_OtherComprehensiveIncomeUnrealizedHoldingGainLossOnSecuritiesArisingDuringPeriodNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of expense for research and development. Includes, but is not limited to, cost for computer software product to be sold, leased, or otherwise marketed and writeoff of research and development assets acquired in transaction other than business combination or joint venture formation or both. Excludes write-down of intangible asset acquired in business combination or from joint venture formation or both, used in research and development activity. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 730 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482916/730-10-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 912 -SubTopic 730 -Name Accounting Standards Codification -Section 25 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479532/912-730-25-1 + Details Name: us-gaap_ResearchAndDevelopmentExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16 + Details Name: us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNumber of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10 + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration XML 12 R5.htm IDEA: XBRL DOCUMENT v3.24.3 Condensed Consolidated Statements of Stockholders' Equity (Unaudited) - USD ($) $ in Thousands Total Common Stock Additional Paid-in Capital Accumulated Other Comprehensive Gain (Loss) Accumulated Deficit Balance at Dec. 31, 2022 $ 640,572 $ 83 $ 701,052 $ (684) $ (59,879) Balance, shares at Dec. 31, 2022 Â 83,287,639 Â Â Â Issuance upon vesting of restricted stock units, shares Â 53,935 Â Â Â Issuance of common stock under employee stock purchase plan 165 Â 165 Â Â Issuance of common stock under employee stock purchase plan, shares Â 57,803 Â Â Â Stock-based compensation expense 12,535 Â 12,535 Â Â Other comprehensive income (loss) 377 Â Â 377 Â Net loss (35,467) Â Â Â (35,467) Balance at Mar. 31, 2023 618,182 $ 83 713,752 (307) (95,346) Balance, shares at Mar. 31, 2023 Â 83,399,377 Â Â Â Balance at Dec. 31, 2022 640,572 $ 83 701,052 (684) (59,879) Balance, shares at Dec. 31, 2022 Â 83,287,639 Â Â Â Net loss (96,792) Â Â Â Â Balance at Sep. 30, 2023 581,730 $ 83 738,580 (262) (156,671) Balance, shares at Sep. 30, 2023 Â 83,435,513 Â Â Â Balance at Mar. 31, 2023 618,182 $ 83 713,752 (307) (95,346) Balance, shares at Mar. 31, 2023 Â 83,399,377 Â Â Â Stock-based compensation expense 12,353 Â 12,353 Â Â Other comprehensive income (loss) (3) Â Â (3) Â Net loss (28,183) Â Â Â (28,183) Balance at Jun. 30, 2023 602,349 $ 83 726,105 (310) (123,529) Balance, shares at Jun. 30, 2023 Â 83,399,377 Â Â Â Issuance of common stock under employee stock purchase plan 92 Â 92 Â Â Issuance of common stock under employee stock purchase plan, shares Â 36,136 Â Â Â Stock-based compensation expense 12,383 Â 12,383 Â Â Other comprehensive income (loss) 48 Â Â 48 Â Net loss (33,142) Â Â Â (33,142) Balance at Sep. 30, 2023 581,730 $ 83 738,580 (262) (156,671) Balance, shares at Sep. 30, 2023 Â 83,435,513 Â Â Â Balance at Dec. 31, 2023 555,192 $ 83 750,737 207 (195,835) Balance, shares at Dec. 31, 2023 Â 83,435,513 Â Â Â Issuance upon vesting of restricted stock units Â $ 1 (1) Â Â Issuance upon vesting of restricted stock units, shares Â 729,032 Â Â Â Issuance of common stock under employee stock purchase plan 150 Â 150 Â Â Issuance of common stock under employee stock purchase plan, shares Â 58,555 Â Â Â Stock-based compensation expense 12,586 Â 12,586 Â Â Other comprehensive income (loss) (388) Â Â (388) Â Net loss (63,169) Â Â Â (63,169) Balance at Mar. 31, 2024 504,371 $ 84 763,472 (181) (259,004) Balance, shares at Mar. 31, 2024 Â 84,223,100 Â Â Â Balance at Dec. 31, 2023 555,192 $ 83 750,737 207 (195,835) Balance, shares at Dec. 31, 2023 Â 83,435,513 Â Â Â Net loss (134,842) Â Â Â Â Balance at Sep. 30, 2024 458,521 $ 84 788,473 641 (330,677) Balance, shares at Sep. 30, 2024 Â 84,463,059 Â Â Â Balance at Mar. 31, 2024 504,371 $ 84 763,472 (181) (259,004) Balance, shares at Mar. 31, 2024 Â 84,223,100 Â Â Â Issuance upon vesting of restricted stock units, shares Â 198,900 Â Â Â Stock-based compensation expense 12,720 Â 12,720 Â Â Other comprehensive income (loss) (99) Â Â (99) Â Net loss (40,522) Â Â Â (40,522) Balance at Jun. 30, 2024 476,470 $ 84 776,192 (280) (299,526) Balance, shares at Jun. 30, 2024 Â 84,422,000 Â Â Â Issuance of common stock under employee stock purchase plan 117 Â 117 Â Â Issuance of common stock under employee stock purchase plan, shares Â 41,059 Â Â Â Stock-based compensation expense 12,164 Â 12,164 Â Â Other comprehensive income (loss) 921 Â Â 921 Â Net loss (31,151) Â Â Â (31,151) Balance at Sep. 30, 2024 $ 458,521 $ 84 $ 788,473 $ 641 $ (330,677) Balance, shares at Sep. 30, 2024 Â 84,463,059 Â Â Â X - DefinitionAmount of increase to additional paid-in capital (APIC) for recognition of cost for award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 20 -Section 55 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481089/718-20-55-13Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 20 -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481089/718-20-55-12 + Details Name: us-gaap_AdjustmentsToAdditionalPaidInCapitalSharebasedCompensationRequisiteServicePeriodRecognitionValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 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https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period

Type: duration X - DefinitionAmount after tax and reclassification adjustments of other comprehensive income (loss). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-17Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-4Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 12: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 55 -Paragraph 15 -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482739/220-10-55-15Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A + Details Name: us-gaap_OtherComprehensiveIncomeLossNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionNumber of shares issued which are neither cancelled nor held in the treasury. + ReferencesNo definition available. + Details Name: us-gaap_SharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares issued during the period as a result of an employee stock purchase plan. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodSharesEmployeeStockPurchasePlans Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionTotal number of shares issued during the period, including shares forfeited, as a result of Restricted Stock Awards. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodSharesRestrictedStockAwardGross Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionAggregate change in value for stock issued during the period as a result of employee stock purchase plan. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodValueEmployeeStockPurchasePlan Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAggregate value of stock related to Restricted Stock Awards issued during the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodValueRestrictedStockAwardGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2 + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 13 R6.htm IDEA: XBRL DOCUMENT v3.24.3 Condensed Consolidated Statements of Cash Flows (Unaudited) - USD ($) $ in Thousands 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Cash flows from operating activities Â Â Net loss $ (134,842) $ (96,792) Adjustments to reconcile net loss to net cash used in operating activities: Â Â Stock-based compensation expense 37,470 37,271 Depreciation and amortization expense 312 312 Accretion of premium and discounts on marketable securities (9,108) (11,101) Changes in operating assets and liabilities: Â Â Prepaid expenses and other current assets 8,256 6,023 Other assets (287) 98 Accounts payable 1,533 (2,156) Accrued expenses and other liabilities (8,306) 2,904 Operating lease liabilities (130) (120) Net cash used in operating activities (105,102) (63,561) Cash flows from investing activities Â Â Purchases of marketable securities (402,702) (515,132) Sales and maturities of marketable securities 462,177 527,664 Net cash provided by investing activities 59,475 12,532 Cash flows from financing activities Â Â Proceeds from issuance of common stock under ESPP 267 257 Net cash provided by financing activities 267 257 Net decrease in cash and cash equivalents (45,360) (50,772) Cash and cash equivalents at the beginning of period 143,823 188,658 Cash and cash equivalents at the end of period $ 98,463 $ 137,886 X - DefinitionThe sum of the periodic adjustments of the differences between securities' face values and purchase prices that are charged against earnings. This is called accretion if the security was purchased at a discount and amortization if it was purchased at premium. As a noncash item, this element is an adjustment to net income when calculating cash provided by or used in operations using the indirect method. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_AccretionAmortizationOfDiscountsAndPremiumsInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. Excludes amount for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase (decrease) in cash, cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 1 -SubTopic 230 -Topic 830 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1 + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe current period expense charged against earnings on long-lived, physical assets not used in production, and which are not intended for resale, to allocate or recognize the cost of such assets over their useful lives; or to record the reduction in book value of an intangible asset over the benefit period of such asset; or to reflect consumption during the period of an asset that is not used in production. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_DepreciationAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate amount of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccountsPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) in accrued expenses, and obligations classified as other. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccruedLiabilitiesAndOtherOperatingLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncreaseDecreaseInOperatingCapitalAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of increase (decrease) in obligation for operating lease. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(1) -SubTopic 20 -Topic 842 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_IncreaseDecreaseInOperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) in operating assets classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherOperatingAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase (decrease) in prepaid expenses, and assets classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInPrepaidDeferredExpenseAndOtherAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X -

DefinitionAmount of cash inflow (outflow) from financing activities, including discontinued operations. Financing activity cash flows include obtaining resources from owners and providing them with a return on, and a return of, their investment; borrowing money and repaying amounts borrowed, or settling the obligation; and obtaining and paying for other resources obtained from creditors on long-term credit. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24 + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from investing activities, including discontinued operations. Investing activity cash flows include making and collecting loans and acquiring and disposing of debt or equity instruments and property, plant, and equipment and other productive assets. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24 + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from operating activities, including discontinued operations. Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25 + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash outflow to acquire investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481830/320-10-45-11Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-11 + Details Name: us-gaap_PaymentsToAcquireAvailableForSaleSecuritiesDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash inflow associated with the aggregate amount received by the entity through sale or maturity of marketable securities (held-to-maturity or available-for-sale) during the period. + ReferencesNo definition available. + Details Name: us-gaap_ProceedsFromSaleAndMaturityOfMarketableSecurities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash inflow associated with the amount received from the stock plan during the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromStockPlans Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe consolidated profit or loss for the period, net of income taxes, including the portion attributable to the noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B 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-Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4JReference 32: http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4K -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4KReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 34: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-2Reference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 37: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap_ProfitLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of noncash expense for share-based payment arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_ShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 14 R7.htm IDEA: XBRL DOCUMENT v3.24.3 Pay vs Performance Disclosure - USD ($) $ in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 Jun. 30, 2024 Mar. 31, 2024 Sep. 30, 2023 Jun. 30, 2023 Mar. 31, 2023 Sep. 30, 2024 Sep. 30, 2023 Pay vs Performance Disclosure Â Â Â Â Â Â Â Â Net Income (Loss) $ (31,151) $ (40,522) $ (63,169) $ (33,142) $ (28,183) $ (35,467) $ (134,842) $ (96,792) X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 402 -Subsection v -Paragraph 1 + Details Name: ecd_PvpTable Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) 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https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: 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Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting 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Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration XML 15 R8.htm IDEA: XBRL DOCUMENT v3.24.3 Insider Trading Arrangements 3 Months Ended Sep. 30, 2024 shares Trading Arrangements, by Individual Â Material Terms of Trading Arrangement Other than as disclosed below, during the three months ended September 30, 2024, no director or â€œofficerâ€ (as defined in Rule 16a-1(f) under the Exchange Act) of the Company adopted or terminated a â€œRule 10b5-1 trading arrangementâ€ or â€œnon-Rule 10b5-1 trading arrangementâ€, as each term is defined in Item 408(a) of Regulation S-K. On September 10, 2024, Maria Arantxa Horga, M.D., our Chief Medical Officer, terminated a Rule 10b5-1 trading arrangement, as defined in term 408(a) of Regulation S-K, that was adopted on June 17, 2024 to sell 67,198 shares of the Companyâ€™s common stock thru June 15, 2025. No shares of the Companyâ€™s common stock were sold under this trading arrangement prior to the termination. Non-Rule 10b5-1 Arrangement Adopted false Non-Rule 10b5-1 Arrangement Terminated false Maria Arantxa Horga Â Trading Arrangements, by Individual Â Name Maria Arantxa Horga, M.D Title Chief Medical Officer Rule 10b5-1 Arrangement Adopted true Adoption Date June 17, 2024 Rule 10b5-1 Arrangement Terminated true Termination Date September 10, 2024 Expiration Date June 15, 2025 Aggregate Available 67,198 Shares of Common Stock | Maria Arantxa Horga Â Trading Arrangements, by Individual Â Aggregate Available 0 X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_MtrlTermsOfTrdArrTextBlock Namespace Prefix: ecd_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_NonRule10b51ArrAdoptedFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_NonRule10b51ArrTrmntdFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_Rule10b51ArrAdoptedFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_Rule10b51ArrTrmntdFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 2 -Subparagraph A + Details Name: ecd_TradingArrByIndTable Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 2 -Subparagraph B + Details Name: ecd_TrdArrAdoptionDate Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 2 -Subparagraph C + Details Name: ecd_TrdArrExpirationDate Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 2 -Subparagraph A + Details Name: ecd_TrdArrIndName Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 2 -Subparagraph A + Details Name: ecd_TrdArrIndTitle Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 2 -Subparagraph D + Details Name: ecd_TrdArrSecuritiesAggAvailAmt Namespace Prefix: ecd_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 2 -Subparagraph B + Details Name: ecd_TrdArrTerminationDate Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: ecd_IndividualAxis=avir_MariaArantxaHorgaMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: ecd_TradingArrAxis=avir_SharesOfCommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 16 R9.htm IDEA: XBRL DOCUMENT v3.24.3 Organization 9 Months Ended Sep. 30, 2024 Organization, Consolidation and Presentation of Financial Statements [Abstract] Â Organization 1. OrganizationBusiness OverviewAtea Pharmaceuticals, Inc., together with its wholly owned subsidiary, Atea Pharmaceuticals Securities Corporation, is referred to herein on a consolidated basis as â€œAteaâ€ or the â€œCompanyâ€.The Company is a clinical-stage biopharmaceutical company focused on discovering, developing and commercializing oral antiviral therapeutics to improve the lives of patients suffering from serious viral infections. Currently, the Company is evaluating the combination of bemnifosbuvir, a nucleotide NS5B inhibitor, and ruzasvir, an NS5A inhibitor, for the treatment of hepatitis C virus (â€œHCVâ€) in a global Phase 2 clinical trial which is fully enrolled with 275 patients. The Company expects to report topline results from this study in the fourth quarter of 2024. If the Phase 2 clinical trial is successful, subject to discussion and alignment with regulatory authorities, the Company anticipates to initiate Phase 3 clinical development of this combination product candidate in 2025. Liquidity and Capital ResourcesAs of September 30, 2024, the Company had $482.8 million in cash, cash equivalents and marketable securities, which the Company believes will be sufficient to fund its operations for a period through at least twelve months from the issuance date of these condensed consolidated financial statements.In November 2021, the Company entered into an open market sales agreement (â€œSales Agreementâ€) with Jefferies LLC (â€œJefferiesâ€), under which the Company may from time to time offer and sell shares of its common stock for an aggregate offering price of up to $200.0 million, through or to Jefferies, acting as sales agent or principal. The shares may be offered and sold under the Companyâ€™s shelf registration statement on Form S-3 and a related prospectus filed with the Securities and Exchange Commission (â€œSECâ€) on November 24, 2021, as amended. The Company has agreed to pay Jefferies a commission of 3.0% of the aggregate gross proceeds from each sale of shares, reimburse legal fees and disbursements and provide Jefferies with customary indemnification and contribution rights. As of September 30, 2024, no shares have been issued under the Sales Agreement.Risks and UncertaintiesThe Company is subject to risks and uncertainties common to clinical-stage biopharmaceutical companies. These risks include, but are not limited to, potential failure of preclinical and clinical studies, uncertainties associated with research and development activities generally, competition from technical innovations of others, dependence upon key personnel, compliance with governmental regulations, the need to obtain marketing approval for any product candidate that the Company may develop, the need to gain broad acceptance among patients, payers and health care providers to successfully commercialize any product for which marketing approval is obtained and the need to secure and maintain adequate intellectual property protection for the Companyâ€™s proprietary technology and products. Further, the Company is currently dependent on third-party service providers for much of its preclinical research, clinical development and manufacturing activities. Product candidates currently under development, including most notably the combination of bemnifosbuvir and ruzasvir for the treatment of HCV, will require significant amounts of additional capital and additional research and development efforts, and all the Companyâ€™s product candidates will require regulatory approval, prior to commercialization. Even if the Company is able to generate revenues from the sale of its product candidates, if approved, it may not become profitable. If the Company fails to become profitable or is unable to sustain profitability on a continuing basis, then it may be unable to continue its operations at planned levels and be forced to reduce its operations. The Company may seek additional capital through one or more of a combination of financing through the sale of additional equity securities, debt financing, or funding in connection with any new collaborative relationships it may enter into or other arrangements. There can be no assurance that the Company will be able to obtain such additional funding, on terms acceptable to the Company, on a timely basis or at all. The terms of any financing may adversely affect the holdings or the rights of the Companyâ€™s existing stockholders. Geopolitical events, including civil or political unrest and terrorism, have resulted in a significant disruption of global business and financial markets. In addition, recent or future market volatility, increased inflation and higher interest rates, if sustained, may increase the Companyâ€™s cost of financing and may restrict our access to potential sources of future liquidity. X - DefinitionThe entire disclosure for the nature of an entity's business, major products or services, principal markets including location, and the relative importance of its operations in each business and the basis for the determination, including but not limited to, assets, revenues, or earnings. For an entity that has not commenced principal operations, disclosures about the risks and uncertainties related to the activities in which the entity is currently engaged and an understanding of what those activities are being directed toward. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Topic 275 -Publisher FASB -URI https://asc.fasb.org/275/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-1 + Details Name: us-gaap_NatureOfOperations Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 17 R10.htm IDEA: XBRL DOCUMENT v3.24.3 Summary of Significant Accounting Policies 9 Months Ended Sep. 30, 2024 Accounting Policies [Abstract] Â Summary of Significant Accounting Policies 2. Summary of Significant Accounting Policies Basis of Presentation The unaudited interim condensed consolidated financial statements of the Company included herein have been prepared in accordance with accounting principles generally accepted in the United States (â€œGAAPâ€) as found in the Accounting Standards Codification (â€œASCâ€), Accounting Standards Update (â€œASUâ€) of the Financial Accounting Standards Board (â€œFASBâ€) and the rules and regulations of the SEC. Certain information and footnote disclosures normally included in financial statements prepared in accordance with GAAP have been condensed or omitted from this report, as is permitted by such SEC rules and regulations. Accordingly, these unaudited condensed consolidated financial statements should be read in conjunction with the Companyâ€™s audited consolidated financial statements and the notes thereto for the year ended December 31, 2023 included in the Companyâ€™s Annual Report on Form 10-K filed with the SEC on February 28, 2024.Unaudited Interim Financial Information The accompanying condensed consolidated balance sheet as of September 30, 2024, the condensed consolidated statements of operations and comprehensive loss for the three and nine months ended September 30, 2024 and 2023, the condensed consolidated statements of stockholdersâ€™ equity for the three and nine months ended September 30, 2024 and 2023, and the condensed consolidated statements of cash flows for the nine months ended September 30, 2024 and 2023 are unaudited. The unaudited interim financial statements have been prepared on the same basis as the audited annual financial statements and, in the opinion of management, reflect all adjustments, which include only normal recurring adjustments, necessary for the fair statement of the Companyâ€™s financial position as of September 30, 2024, the results of its operations for the three and nine months ended September 30, 2024 and 2023 and its cash flows for the nine months ended September 30, 2024 and 2023. The results for the three months ended September 30, 2024 are not necessarily indicative of results to be expected for the year ending December 31, 2024, or any other interim period.Use of EstimatesThe preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the condensed consolidated financial statements and in these accompanying notes. The Company bases its estimates on historical experience, known trends and other market-specific or other relevant factors and assumptions that it believes to be reasonable under the circumstances. On an ongoing basis, management evaluates its estimates, which include but are not limited to estimates of accrued research and development expenses, valuation of marketable securities, the valuation of stock-based awards, valuation of operating lease right-of-use assets and lease liabilities and income taxes. Changes in estimates are recorded in the period in which such changes become known.Principles of ConsolidationThe condensed consolidated financial statements include the accounts of Atea Pharmaceuticals, Inc. and its wholly-owned subsidiary, Atea Pharmaceuticals Securities Corporation. All intercompany amounts have been eliminated in consolidation.Significant Accounting PoliciesThere were no changes in the Companyâ€™s significant accounting policies as described in the Annual Report on Form 10-K for the year ended December 31, 2023 filed with the SEC on February 28, 2024. Recently Issued Accounting PronouncementsFrom time to time, new accounting pronouncements are issued by the FASB or other standard setting bodies that the Company adopts as of the specified effective date. The Company does not believe that the adoption of recently issued standards have or may have a material impact on its condensed consolidated financial statements and disclosures. X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for the basis of presentation and significant accounting policies concepts. Basis of presentation describes the underlying basis used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). Accounting policies describe all significant accounting policies of the reporting entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 235 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/235/tableOfContent + Details Name: us-gaap_BasisOfPresentationAndSignificantAccountingPoliciesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 18 R11.htm IDEA: XBRL DOCUMENT v3.24.3 Collaboration Agreement 9 Months Ended Sep. 30, 2024 Revenue from Contract with Customer [Abstract] Â Collaboration Agreement 3. Collaboration AgreementIn October 2020, the Company entered into a License Agreement (â€œRoche License Agreementâ€) with F. Hoffmann-LaRoche Ltd. and Genentech, Inc. (together, â€œRocheâ€) under which the Company granted an exclusive license for certain development and commercialization rights related to bemnifosbuvir outside of the United States (other than for certain HCV uses) to Roche.In November 2021, Roche provided the Company with a notice of termination of the Roche License Agreement which became effective in February 2022. Upon termination, the rights and licenses granted by the Company to Roche under the Roche License Agreement were returned to the Company, resulting in the Company having all rights to continue the clinical development and future commercialization of bemnifosbuvir worldwide. Global development plan activities and related cost sharing between the parties continued through the effective date of the termination.The activities to complete the global development plan were accounted for under ASC 808. Expenses incurred and reimbursements made or received from

Roche were accounted for pursuant to ASC 730, Research and Development. As such, the Company was expensing costs as incurred, including any reimbursements made to Roche, and recognizing reimbursement received from Roche as a reduction of research and development expense through the effective date of the termination.For the three months ended September 30, 2024 and 2023, the Company recorded net credits of $0 and $3,748, respectively, from Roche. For the nine months ended September 30, 2024 and 2023, the Company recorded net credits of $1,292 and $12,625, respectively, from Roche. The credits recorded represent changes in estimate as a result of close out activities and related reporting of amounts incurred by Roche associated with the global development plan. The close out activities were completed by Roche as of March 31, 2024. As a result, the Company did not record any net credits in the three months ended September 30, 2024 and does not expect to receive any related amounts from Roche in the future. X - DefinitionThe entire disclosure for collaborative arrangements in which the entity is a participant, including a) information about the nature and purpose of such arrangements; b) its rights and obligations thereunder; c) the accounting policy for collaborative arrangements; and d) the income statement classification and amounts attributable to transactions arising from the collaborative arrangement between participants. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -SubTopic 10 -Topic 808 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479402/808-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -SubTopic 10 -Topic 808 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479402/808-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Topic 808 -Publisher FASB -URI https://asc.fasb.org/808/tableOfContent + Details Name: us-gaap_CollaborativeArrangementDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RevenueFromContractWithCustomerAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 19 R12.htm IDEA: XBRL DOCUMENT v3.24.3 Marketable Securities 9 Months Ended Sep. 30, 2024 Debt Securities, Available-for-Sale [Abstract] Â Marketable Securities 4. Marketable Securities Â Â Â Â Â Â Â Â Â Â Â As of September 30, 2024 Â Â Â Amortized Cost Â Â Unrealized Gains Â Â Unrealized Losses Â Â Fair Value Â Marketable Securities Â Â Â Â Â Â Â Â Â Â Â Â US Treasury obligations Â $ 128,478 Â Â $ 150 Â Â $ â€” Â Â $ 128,628 Â US Government agency securities Â Â 22,059 Â Â Â 34 Â Â Â (1) Â Â 22,092 Â Asset-backed securities Â Â 54,884 Â Â Â 121 Â Â Â (3) Â Â 55,002 Â Commercial paper Â Â 16,704 Â Â Â 16 Â Â Â â€” Â Â Â 16,720 Â Corporate bonds Â Â 161,584 Â Â Â 327 Â Â Â (3) Â Â 161,908 Â Total Â $ 383,709 Â Â $ 648 Â Â $ (7) Â $ 384,350 Â Â Â Â Â Â Â Â Â Â Â Â As of December 31, 2023 Â Â Â Amortized Cost Â Â Unrealized Gains Â Â Unrealized Losses Â Â Fair Value Â Marketable Securities Â Â Â Â Â Â Â Â Â Â Â Â US Treasury obligations Â $ 155,816 Â Â $ 145 Â Â $ (23) Â $ 155,938 Â US Government agency securities Â Â 178,115 Â Â Â 96 Â Â Â (51) Â Â 178,160 Â Commercial paper Â Â 39,461 Â Â Â 14 Â Â Â (27) Â Â 39,448 Â Corporate bonds Â Â 60,684 Â Â Â 65 Â Â Â (12) Â Â 60,737 Â Total Â $ 434,076 Â Â $ 320 Â Â $ (113) Â $ 434,283 Â As of September 30, 2024, the Company held five securities that were in an unrealized loss position of $7 with an aggregate fair value of $16,157. The Company has the intent and ability to hold such securities until recovery. As a result, the Company did not record any charges for credit-related impairments for its marketable debt securities for either the three or the nine months ended September 30, 2024. None of the securities had remaining maturities longer than one year as of September 30, 2024.The Company received proceeds of $462,177 and $527,664 from sales and maturities of marketable securities during the nine months ended September 30, 2024 and 2023, respectively. X - ReferencesNo definition available. + Details Name: us-gaap_AvailableForSaleSecuritiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for investments in certain debt and equity securities. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 940 -SubTopic 320 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/940-320/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Name Regulation S-K (SK) -Number 229 -Section 1403 -Paragraph b -Publisher SECReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/320/tableOfContentReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-10Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6BReference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 320 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/942-320/tableOfContent + Details Name: us-gaap_InvestmentsInDebtAndMarketableEquitySecuritiesAndCertainTradingAssetsDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 20 R13.htm IDEA: XBRL DOCUMENT v3.24.3 Fair Value Measurements 9 Months Ended Sep. 30, 2024 Fair Value Disclosures [Abstract] Â Fair Value Measurements 5. Fair Value Measurements The following tables present information about the Companyâ€™s financial assets measured at fair value on a recurring basis and indicate the level of the fair value hierarchy utilized to determine such fair values: Â Â Fair Value Measurements as of September 30, 2024 Â Â Â Level 1 Â Â Level 2 Â Â Level 3 Â Â Total Â Cash equivalents Â Â Â Â Â Â Â Â Â Â Â Â Money market funds Â $ 90,641 Â Â $ â€” Â Â $ â€” Â Â $ 90,641 Â Marketable Securities Â Â Â Â Â Â Â Â Â Â Â Â US Treasury obligations Â Â â€” Â Â Â 128,628 Â Â Â â€” Â Â Â 128,628 Â US Government agency securities Â Â â€” Â Â Â 22,092 Â Â Â â€” Â Â Â 22,092 Â Asset-backed securities Â Â â€” Â Â Â 55,002 Â Â Â â€” Â Â Â 55,002 Â Commercial paper Â Â â€” Â Â Â 16,720 Â Â Â â€” Â Â Â 16,720 Â Corporate bonds Â Â â€” Â Â Â 161,908 Â Â Â â€” Â Â Â 161,908 Â Total Â $ 90,641 Â Â $ 384,350 Â Â $ â€” Â Â $ 474,991 Â Â Â Â Â Â Fair Value Measurements as of December 31, 2023 Â Â Â Level 1 Â Â Level 2 Â Â Level 3 Â Â Total Â Cash equivalents Â Â Â Â Â Â Â Â Â Â Â Â Money market funds Â $ 143,740 Â Â $ â€” Â Â $ â€” Â Â $ 143,740 Â Marketable Securities Â Â Â Â Â Â Â Â Â Â Â Â US Treasury obligations Â Â â€” Â Â Â 155,938 Â Â Â â€” Â Â Â 155,938 Â US Government agency securities Â Â â€” Â Â Â 178,160 Â Â Â â€” Â Â Â 178,160 Â Commercial paper Â Â â€” Â Â Â 39,448 Â Â Â â€” Â Â Â 39,448 Â Corporate bonds Â Â â€” Â Â Â 60,737 Â Â Â â€” Â Â Â 60,737 Â Total Â $ 143,740 Â Â $ 434,283 Â Â $ â€” Â Â $ 578,023 Â The Companyâ€™s assets with fair value categorized as Level 1 within the fair value hierarchy include money market funds. Money market funds are publicly traded mutual funds and are presented as cash equivalents on the unaudited condensed consolidated balance sheets as of September 30, 2024 and December 31, 2023.The Companyâ€™s assets with fair value categorized as Level 2 within the fair value hierarchy include treasury obligations, government agency securities, asset-backed securities, commercial paper and corporate bonds with fair values determined by utilizing information from third party pricing sources for identical or similar assets and liabilities in active market.There were no transfers between Level 1, Level 2 or Level 3 categories during the nine months ended September 30, 2024. X - ReferencesNo definition available. + Details Name: us-gaap_FairValueDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for the fair value of financial instruments (as defined), including financial assets and financial liabilities (collectively, as defined), and the measurements of those instruments as well as disclosures related to the fair value of non-financial assets and liabilities. Such disclosures about the financial instruments, assets, and liabilities would include: (1) the fair value of the required items together with their carrying amounts (as appropriate); (2) for items for which it is not practicable to estimate fair value, disclosure would include: (a) information pertinent to estimating fair value (including, carrying amount, effective interest rate, and maturity, and (b) the reasons why it is not practicable to estimate fair value; (3) significant concentrations of credit risk including: (a) information about the activity, region, or economic characteristics identifying a concentration, (b) the maximum amount of loss the entity is exposed to based on the gross fair value of the related item, (c) policy for requiring collateral or other security and information as to accessing such collateral or security, and (d) the nature and brief description of such collateral or security; (4) quantitative information about market risks and how such risks are managed; (5) for items measured on both a recurring and nonrecurring basis information regarding the inputs used to develop the fair value measurement; and (6) for items presented in the financial statement for which fair value measurement is elected: (a) information necessary to understand the reasons for the election, (b) discussion of the effect of fair value changes on earnings, (c) a description of [similar groups] items for which the election is made and the relation thereof to the balance sheet, the aggregate carrying value of items included in the balance sheet that are not eligible for the election; (7) all other required (as defined) and desired information. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 107 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-107Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2E -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2EReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 940 -SubTopic 820 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478119/940-820-50-1 + Details Name: us-gaap_FairValueDisclosuresTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 21 R14.htm IDEA: XBRL DOCUMENT v3.24.3 Accrued Expenses and Other Current Liabilities 9 Months Ended Sep. 30, 2024 Payables and Accruals [Abstract] Â Accrued Expenses and Other Current Liabilities 6. Accrued Expenses and Other Current Liabilities Accrued expenses and other current liabilities consist of the following: Â Â September 30,2024 Â Â December 31,2023 Â Research and development, including manufacturing and clinical expenditures Â $ 13,652 Â Â $ 20,999 Â Payroll and payroll related Â Â 4,535 Â Â Â 5,696 Â Professional fees and other Â Â 428 Â Â Â 669 Â Total accrued expenses and other current liabilities Â $ 18,615 Â Â $ 27,364 Â Â X - DefinitionThe entire disclosure for accounts payable, accrued expenses, and other liabilities that are classified as current at the end of the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 720 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483384/720-30-45-1 + Details Name: us-gaap_AccountsPayableAccruedLiabilitiesAndOtherLiabilitiesDisclosureCurrentTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_PayablesAndAccrualsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 22 R15.htm IDEA: XBRL DOCUMENT v3.24.3 Common Stock 9 Months Ended Sep. 30, 2024 Equity [Abstract] Â Common Stock 7. Common Stock At September 30, 2024, the authorized capital of the Company included 300,000,000 shares of the Companyâ€™s common stock, of which 84,463,059 shares of the Companyâ€™s common stock were issued and outstanding. On all matters to be voted upon by the holders of the Companyâ€™s common stock, holders of the Companyâ€™s common stock are entitled to one vote per share. The holders of the Companyâ€™s common stock have no preemptive, redemption or conversion rights. X - DefinitionThe entire disclosure for common stock, including, but not limited to, the number of shares issued and outstanding, voting rights, and number of shares reserved for each class of stock. + ReferencesNo definition available. + Details Name: avir_CommonStockTextBlock Namespace Prefix: avir_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_EquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 23 R16.htm IDEA: XBRL DOCUMENT v3.24.3 Stock-based Compensation 9 Months Ended Sep. 30, 2024 Share-Based Payment Arrangement [Abstract] Â Stock-based Compensation 8. Stock-based Compensation In October 2020, the Companyâ€™s shareholders approved the Companyâ€™s 2020 Incentive Award Plan (â€œ2020 Planâ€). The 2020 Plan initially provided for the issuance of up to 7,924,000 shares of the Company's common stock and for the grant of incentive stock options or other incentive awards to employees, officers, directors and consultants of the Company. The number of shares of the Company's common stock that may be issued under the 2020 Plan is also subject to increase on the first day of each calendar year equal to the lesser of i) 5% of the aggregate number of shares of the Company's common stock outstanding on the final day of the immediately preceding calendar year or ii) such smaller number of shares as is determined by the board of directors. Through December 31, 2023, the shares available under the plan had increased by 12,450,364 shares since the inception of the 2020 Plan. In January 2024, the shares of the Companyâ€™s common stock available under the 2020 Plan increased by 4,171,775 shares. As of September 30, 2024, 5,362,362 shares of the Companyâ€™s common stock were available for future issuance under the 2020 Plan.The 2020 Plan replaced and is the successor of the Companyâ€™s 2013 Equity Incentive Plan, as amended (â€œ2013 Planâ€). Upon any cancellation of outstanding option awards to purchase shares of the Company's common stock under the 2013 Plan, such shares will be made available for grant under the 2020 Plan.Stock OptionsThe following table summarizes stock option activity for the nine months ended September 30, 2024. Â Â Number ofShares Â Â WeightedAverageExercise PricePer Share Â Â WeightedAverageRemainingContractualTerm (years) Â Â AggregateIntrinsicValue($000s) Â Outstanding at January 1, 2024 Â Â 17,017,319 Â Â $ 15.30 Â Â Â 7.1 Â Â $ 5,080 Â Granted Â Â 3,213,550 Â Â $ 4.10 Â Â Â Â Â Â Â Â Â Exercised Â Â â€” Â Â $ â€” Â Â Â Â Â Â Â Â Â Cancelled Â Â (64,800) Â $ 18.27 Â Â Â Â Â Â Â Â Â Outstanding at September 30, 2024 Â Â 20,166,069 Â Â $ 13.51 Â Â Â 6.8 Â Â $ 6,095 Â Vested and expected to vest at September 30, 2024 Â Â 20,166,069 Â Â $ 13.51 Â Â Â 6.8 Â Â $ 6,095 Â Vested and exercisable at September 30, 2024 Â Â 14,010,255 Â Â $ 16.28 Â Â Â 6.1 Â Â $ 6,075 Â During the three and nine months ended September 30, 2024 the Company granted 34,000 and 3,213,550 stock options with an aggregate grant date fair value of $83 and $9,622, respectively. The aggregate intrinsic value of stock options is calculated as the difference between the exercise price of the stock options and the estimated fair value of the Companyâ€™s common stock for those stock options that had exercise prices lower than the fair value of the Companyâ€™s common stock.Stock options generally vest over a service period of four years after grant and have a contractual term of ten years. As of September 30, 2024, total unrecognized compensation expense related to stock option awards was $31,529, which amount is being recognized over a remaining weighted average period of 2.3 years.Â Restricted Stock UnitsDuring the nine months ended September 30, 2024, the Company granted 1,126,100 restricted stock units to employees and directors under the 2020 Plan with an aggregate grant date fair market value of $4,557. The restricted stock unit awards vest in three annual installments. Below is the activity related to restricted stock units for the nine months ended September 30, 2024. Â Â Number ofShares Â Â Weighted AverageGrant Date Fair Value Â Outstanding at January 1, 2024 Â Â 2,337,517 Â Â $ 4.69 Â Granted Â Â 1,126,100 Â Â $ 4.05 Â Released Â Â (927,932) Â $ 4.65 Â Cancelled Â Â (12,633) Â $ 4.62 Â Unvested shares at September 30, 2024 Â Â 2,523,052 Â Â $ 4.42 Â As of September 30, 2024, total unrecognized compensation expense related to restricted stock units was $7,801, which amount is being recognized over a remaining weighted average period of 1.7 years.Performance-based Restricted Stock UnitsAs of December 31, 2023 the Company had 724,970 performance-based restricted stock units (â€œ2022 PSUsâ€) outstanding. The 2022 PSUs provide for a performance period from February 1, 2022 through January 31, 2025 to achieve up to six defined performance metrics. The percentage of 2022 PSUs eligible to vest will be determined based on the number of metrics achieved during the performance period and may range from 0% to 200%. The Company has not recognized any compensation expense through September 30, 2024, as achievement of the minimum performance criteria had not been deemed probable. The vesting of any eligible 2022 PSUs will occur in equal installments on January 31, 2025 and January 31, 2026.During the nine months ended September 30, 2024, the Company granted 1,057,900 performance-based restricted stock units (â€œ2024 PSUsâ€) to employees with

an aggregate grant date fair value of $4,401. The 2024 PSUs provide for a performance period from February 1, 2024 through January 31, 2027 to achieve up to four defined metrics. The percentage of 2024 PSUs eligible to vest will be determined based on the number of metrics achieved during the performance period and may range from 0% to 200%. As of September 30, 2024 one metric was deemed probable of achievement resulting in expense recognition of 50% of the grant date value of the 2024 PSUs. Compensation expense is being recognized from the grant date through the final vest date of January 31, 2027. The Company recorded compensation expense of $185 and $488 for the three and nine months ended September 30, 2024.The following table summarizes the activity related to performance-based restricted stock units for the nine months ended September 30, 2024. Â Â Number ofShares Â Â Weighted AverageGrant Date Fair Value Â Outstanding at January 1, 2024 Â Â 724,970 Â Â $ 7.14 Â Granted Â Â 1,057,900 Â Â $ 4.16 Â Released Â Â â€” Â Â $ â€” Â Cancelled Â Â â€” Â Â $ â€” Â Unvested shares at September 30, 2024 Â Â 1,782,870 Â Â $ 5.37 Â Â Employee Stock Purchase PlanIn October 2020, the Companyâ€™s shareholders approved the Employee Stock Purchase Plan (â€œESPPâ€), which became effective upon the closing of the Companyâ€™s initial public offering (â€œIPOâ€) in November 2020. The Company initially reserved a total of 1,187,000 shares of the Companyâ€™s common stock for issuance under the ESPP. The ESPP provides that the number of shares reserved and available for issuance under the ESPP will be increased on January 1 of each calendar year by 1% of the number of shares of the Companyâ€™s common stock issued and outstanding on the immediately preceding December 31 or such lesser amount as specified by the board of directors. Through December 31, 2022, there was no increase in the number of shares reserved for issuance under the ESPP. In January 2023 and January 2024, the number of shares of the Companyâ€™s common stock available for issuance under the ESPP was increased by 832,876 shares and 834,355 shares, respectively. As of September 30, 2024, 2,631,642 shares of the Companyâ€™s common stock were available for issuance under the ESPP. Under the ESPP, the Company issued 41,059 and 99,614 shares of the Company's common stock for proceeds of $117 and $267 during the three and nine months ended September 30, 2024.Stock-based Compensation Expense Stock-based compensation expense by award type included within the unaudited condensed consolidated statements of operations and comprehensive loss was as follows: Â Â Three Months EndedSeptember 30, Â Â Nine Months EndedSeptember 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Stock options Â $ 10,612 Â Â $ 11,295 Â Â $ 32,884 Â Â $ 34,592 Â Restricted stock units Â Â 1,356 Â Â Â 1,087 Â Â Â 4,018 Â Â Â 2,590 Â Performance-based stock units Â Â 185 Â Â Â â€” Â Â Â 488 Â Â Â â€” Â Employee stock purchase plan Â Â 11 Â Â Â 1 Â Â Â 80 Â Â Â 89 Â Total stock-based compensation expense Â $ 12,164 Â Â $ 12,383 Â Â $ 37,470 Â Â $ 37,271 Â Stock-based compensation expense is classified as follows: Â Â Three Months EndedSeptember 30, Â Â Nine Months EndedSeptember 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Research and development expense Â $ 5,815 Â Â $ 5,564 Â Â $ 17,869 Â Â $ 17,037 Â General and administrative Â Â 6,349 Â Â Â 6,819 Â Â Â 19,601 Â Â Â 20,234 Â Total stock-based compensation expense Â $ 12,164 Â Â $ 12,383 Â Â $ 37,470 Â Â $ 37,271 Â X - DefinitionThe entire disclosure for share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/718/tableOfContentReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (l) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureOfCompensationRelatedCostsSharebasedPaymentsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 24 R17.htm IDEA: XBRL DOCUMENT v3.24.3 Net Loss Per Share 9 Months Ended Sep. 30, 2024 Earnings Per Share [Abstract] Â Net Loss Per Share 9. Net Loss Per Share Basic and diluted earnings per share are calculated as follows: Â Â Three Months EndedSeptember 30, Â Â Nine Months EndedSeptember 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Net loss Â $ (31,151) Â $ (33,142) Â $ (134,842) Â $ (96,792) Weighted average common shares outstanding, basic and diluted Â Â 84,422,000 Â Â Â 83,399,769 Â Â Â 84,198,117 Â Â Â 83,374,328 Â Net loss per share, basic and diluted Â $ (0.37) Â $ (0.40) Â $ (1.60) Â $ (1.16) The following shares were excluded from the computation of the net loss per share for the three and nine months ended September 30, 2024 and 2023, respectively, due to the net loss during the periods as their effect is antidilutive. Â Â Â Three Months EndedSeptember 30, Â Â Nine Months EndedSeptember 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Stock options Â Â 20,166,069 Â Â Â 17,006,319 Â Â Â 20,166,069 Â Â Â 17,006,319 Â Restricted stock units Â Â 2,523,052 Â Â Â 2,337,517 Â Â Â 2,523,052 Â Â Â 2,337,517 Â Performance-based restricted stock units Â Â 1,782,870 Â Â Â 724,970 Â Â Â 1,782,870 Â Â Â 724,970 Â Â X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for earnings per share. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/260/tableOfContentReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-3 + Details Name: us-gaap_EarningsPerShareTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 25 R18.htm IDEA: XBRL DOCUMENT v3.24.3 Leases 9 Months Ended Sep. 30, 2024 Leases [Abstract] Â Leases 10. LeasesThe Company has a non-cancelable operating lease agreement for its office space in Boston, Massachusetts at 225 Franklin Street ("225 Lease"). The 225 Lease commencement date was January 1, 2022 and the 225 Lease runs through December 31, 2026. The 225 Lease does not contain any options for renewal or extension. The following assets and liabilities are recorded on the Companyâ€™s consolidated balance sheet as of September 30, 2024. Â Â As of September 30, Â Â Â 2024 Â Right-of-use asset Â $ 1,391 Â Current lease liability Â Â 790 Â Non-current lease liability Â Â 1,045 Â Future minimum payments under the 225 Lease, currently the Companyâ€™s only operating lease as of September 30, 2024 were as follows. Â Â As of September 30, Â Â Â 2024 Â Remainder of 2024 Â $ 205 Â 2025 Â Â 838 Â 2026 Â Â 855 Â Total lease payments Â Â 1,898 Â Less amount representing implied interest Â Â 63 Â Total lease liability Â $ 1,835 Â Current portion of operating lease liabilities Â $ 790 Â Non-current portion of operating lease liabilities Â $ 1,045 Â For each of the three months ended September 30, 2024 and 2023, the Company recorded operating lease costs of $162, relating to its operating lease agreements. For each of the nine months ended September 30, 2024 and 2023, the Company recorded operating lease costs of $485, relating to its operating lease agreements. X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for operating leases of lessee. Includes, but is not limited to, description of operating lease and maturity analysis of operating lease liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/842-20/tableOfContent + Details Name: us-gaap_LesseeOperatingLeasesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 26 R19.htm IDEA: XBRL DOCUMENT v3.24.3 Income Taxes 9 Months Ended Sep. 30, 2024 Income Tax Disclosure [Abstract] Â Income Taxes 11. Income Taxes The Company recorded income tax expense of $226 and $221 for the three months ended September 30, 2024 and 2023, respectively. The Company recorded income tax expense of $700 and $669 for the nine months ended September 30, 2024 and 2023, respectively. The Company maintained a full valuation allowance through September 30, 2024 due to uncertainty regarding its ability to utilize deferred tax assets. X - ReferencesNo definition available. + Details Name: us-gaap_IncomeTaxDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for income tax. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12C -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12CReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12B -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12BReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 270 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477891/740-270-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.5.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-13Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/740/tableOfContentReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-14Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-21Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 17 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-17Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 11.C) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482603/740-30-50-2 + Details Name: us-gaap_IncomeTaxDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 27 R20.htm IDEA: XBRL DOCUMENT v3.24.3 Commitments and Contingencies 9 Months Ended Sep. 30, 2024 Commitments and Contingencies Disclosure [Abstract] Â Commitments and Contingencies 12. Commitments and ContingenciesÂ License AgreementIn December 2021, the Company entered into a license agreement (â€œMerck License Agreementâ€) with MSD International GmbH, an affiliate of Merck & Co, Inc. (â€œMerckâ€) for the development, manufacture and commercialization of ruzasvir. Ruzasvir is the NS5A inhibitor the Company is developing in combination with bemnifosbuvir for the treatment of HCV. Pursuant to the terms of the Merck License Agreement, the Company obtained from Merck a worldwide exclusive (subject to certain reserved rights to conduct internal research) and, sublicensable license under certain Merck patents and know-how to research, develop, manufacture, have manufactured, use, import, export, sell, offer for sale, and otherwise commercialize ruzasvir or products containing ruzasvir (each a â€œProductâ€) for all therapeutic or prophylactic uses in humans.In addition to a non-refundable upfront payment that the Company made in February 2022, the Company will be required to pay Merck milestone payments upon its achievement of certain development, regulatory and sales-based milestones. Additionally, the Company will pay Merck tiered royalties based on annual net sales of Products ranging from high single digits to mid-teens percentages. The Companyâ€™s royalty payment obligations will continue until the later of (i) the expiration of the last to expire valid claim of a licensed Merck patent claiming such Product and (ii) a period of years after the first commercial sale of such Product in such country. The Company may terminate the Merck License Agreement for convenience upon prior written notice. The first potential milestone in the amount of $5.0 million would be payable upon the commencement of the HCV Phase 3 clinical trial that the Company is currently planning.Contingent Consulting FeeThe Company has an agreement with a consultant that requires payment of a success fee calculated as a percentage of certain product sales, subject to a cumulative maximum payout of $5.0 million. This success payment is contingent upon the occurrence of future events and the timing and likelihood of such payment is neither probable nor estimable. IndemnificationThe Company enters into certain types of contracts that contingently require the Company to indemnify various parties against claims from third parties. These contracts primarily relate to (i) the Companyâ€™s bylaws, under which the Company must indemnify directors and executive officers, and may indemnify other officers and employees, for liabilities arising out of their relationship with the Company, (ii) contracts under which the Company must indemnify directors and certain officers and consultants for liabilities arising out of their relationship with the Company, and (iii) procurement, service or license agreements under which the Company may be required to indemnify vendors, service providers or licensees for certain claims, including claims that may be brought against such third parties arising from the Companyâ€™s acts or omissions with respect to the Companyâ€™s products, technology, intellectual property or services.From time to time, the Company may receive indemnification claims under these contracts in the normal course of business. In the event that one or more of these matters were to result in a claim against the Company, an adverse outcome, including a judgment or settlement, may cause a material adverse effect on the Companyâ€™s future business, operating results or financial condition. It is not possible to determine the maximum potential amount payable under these contracts since the Company has no history of prior indemnification claims and the unique facts and circumstances involved in each particular claim will be determinative. X - ReferencesNo definition available. + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for commitments and contingencies. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 405 -SubTopic 30 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/405-30/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/450/tableOfContentReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 954 -SubTopic 440 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478522/954-440-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 440 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/440/tableOfContent + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 28 R21.htm IDEA: XBRL DOCUMENT v3.24.3 Benefit Plan 9 Months Ended Sep. 30, 2024 Retirement Benefits [Abstract] Â Benefit Plan 13. Benefit PlanThe Companyâ€™s defined contribution plan under Section 401(k) of the Internal Revenue Code (â€œ401(k) Planâ€) covers substantially all employees who meet minimum age and service requirements. Under the terms of the 401(k) Plan, the Company records matching contributions up to 4% of the participantâ€™s eligible compensation. During the three months ended September 30, 2024 and 2023, the Company recognized expense of $149 and $105, respectively, relating to matching contributions to the 401(k) Plan. During the nine months ended September 30, 2024 and 2023, the Company recognized expense of $711 and $642, respectively, relating to matching contributions to the 401(k) Plan. X - DefinitionThe entire disclosure for an entity's employee compensation and benefit plans, including, but not limited to, postemployment and postretirement benefit plans, defined benefit pension plans, defined contribution plans, non-qualified and supplemental benefit plans, deferred compensation, share-based compensation, life insurance, severance, health care, unemployment and other benefit plans. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 710 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/710/tableOfContentReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 712 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/712/tableOfContentReference 3: http://fasb.org/us-

gaap/role/ref/legacyRef -Topic 715 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/715/tableOfContentReference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/718/tableOfContent + Details Name: us-gaap_CompensationAndEmployeeBenefitPlansTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_CompensationAndRetirementDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 29 R22.htm IDEA: XBRL DOCUMENT v3.24.3 Related Party Transactions 9 Months Ended Sep. 30, 2024 Related Party Transactions [Abstract] Â Related Party Transactions 14. Related Party TransactionsThe Company is party to a consulting agreement with an entity controlled by one of its directors. The agreement provides for an annual retainer of $110. The Company recognized expense in the amount of $27 and $81 for each of the three and nine month periods ended September 30, 2024 and 2023, respectively.In June 2022, the Company entered into a consulting agreement with one of its directors. No expense was recognized in connection with this agreement for the three and nine months ended September 30, 2024 or 2023. X - ReferencesNo definition available. + Details Name: us-gaap_RelatedPartyTransactionsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for related party transactions. Examples of related party transactions include transactions between (a) a parent company and its subsidiary; (b) subsidiaries of a common parent; (c) and entity and its principal owners; and (d) affiliates. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-5Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-6Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(g)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(e)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/850/tableOfContentReference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-6Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1 + Details Name: us-gaap_RelatedPartyTransactionsDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 30 R23.htm IDEA: XBRL DOCUMENT v3.24.3 Summary of Significant Accounting Policies (Policies) 9 Months Ended Sep. 30, 2024 Accounting Policies [Abstract] Â Basis of Presentation Basis of Presentation The unaudited interim condensed consolidated financial statements of the Company included herein have been prepared in accordance with accounting principles generally accepted in the United States (â€œGAAPâ€) as found in the Accounting Standards Codification (â€œASCâ€), Accounting Standards Update (â€œASUâ€) of the Financial Accounting Standards Board (â€œFASBâ€) and the rules and regulations of the SEC. Certain information and footnote disclosures normally included in financial statements prepared in accordance with GAAP have been condensed or omitted from this report, as is permitted by such SEC rules and regulations. Accordingly, these unaudited condensed consolidated financial statements should be read in conjunction with the Companyâ€™s audited consolidated financial statements and the notes thereto for the year ended December 31, 2023 included in the Companyâ€™s Annual Report on Form 10-K filed with the SEC on February 28, 2024. Unaudited Interim Financial Information Unaudited Interim Financial Information The accompanying condensed consolidated balance sheet as of September 30, 2024, the condensed consolidated statements of operations and comprehensive loss for the three and nine months ended September 30, 2024 and 2023, the condensed consolidated statements of stockholdersâ€™ equity for the three and nine months ended September 30, 2024 and 2023, and the condensed consolidated statements of cash flows for the nine months ended September 30, 2024 and 2023 are unaudited. The unaudited interim financial statements have been prepared on the same basis as the audited annual financial statements and, in the opinion of management, reflect all adjustments, which include only normal recurring adjustments, necessary for the fair statement of the Companyâ€™s financial position as of September 30, 2024, the results of its operations for the three and nine months ended September 30, 2024 and 2023 and its cash flows for the nine months ended September 30, 2024 and 2023. The results for the three months ended September 30, 2024 are not necessarily indicative of results to be expected for the year ending December 31, 2024, or any other interim period. Use of Estimates Use of EstimatesThe preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the condensed consolidated financial statements and in these accompanying notes. The Company bases its estimates on historical experience, known trends and other market-specific or other relevant factors and assumptions that it believes to be reasonable under the circumstances. On an ongoing basis, management evaluates its estimates, which include but are not limited to estimates of accrued research and development expenses, valuation of marketable securities, the valuation of stock-based awards, valuation of operating lease right-of-use assets and lease liabilities and income taxes. Changes in estimates are recorded in the period in which such changes become known. Principles of Consolidation Principles of ConsolidationThe condensed consolidated financial statements include the accounts of Atea Pharmaceuticals, Inc. and its wholly-owned subsidiary, Atea Pharmaceuticals Securities Corporation. All intercompany amounts have been eliminated in consolidation. Significant Accounting Policies Significant Accounting PoliciesThere were no changes in the Companyâ€™s significant accounting policies as described in the Annual Report on Form 10-K for the year ended December 31, 2023 filed with the SEC on February 28, 2024. Recently Issued Accounting Pronouncements Recently Issued Accounting PronouncementsFrom time to time, new accounting pronouncements are issued by the FASB or other standard setting bodies that the Company adopts as of the specified effective date. The Company does not believe that the adoption of recently issued standards have or may have a material impact on its condensed consolidated financial statements and disclosures. X - DefinitionDisclosure of accounting policy for significant accounting policies. + ReferencesNo definition available. + Details Name: avir_SignificantAccountingPoliciesPolicyTextBlock Namespace Prefix: avir_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for unaudited interim financial information. + ReferencesNo definition available. + Details Name: avir_UnauditedInterimFinancialInformationPolicyTextBlock Namespace Prefix: avir_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for basis of accounting, or basis of presentation, used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). + ReferencesNo definition available. + Details Name: us-gaap_BasisOfAccountingPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy regarding (1) the principles it follows in consolidating or combining the separate financial statements, including the principles followed in determining the inclusion or exclusion of subsidiaries or other entities in the consolidated or combined financial statements and (2) its treatment of interests (for example, common stock, a partnership interest or other means of exerting influence) in other entities, for example consolidation or use of the equity or cost methods of accounting. The accounting policy may also address the accounting treatment for intercompany accounts and transactions, noncontrolling interest, and the income statement treatment in consolidation for issuances of stock by a subsidiary. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483426/235-10-50-4Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1 + Details Name: us-gaap_ConsolidationPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy pertaining to new accounting pronouncements that may impact the entity's financial reporting. Includes, but is not limited to, quantification of the expected or actual impact. + ReferencesNo definition available. + Details Name: us-gaap_NewAccountingPronouncementsPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for the use of estimates in the preparation of financial statements in conformity with generally accepted accounting principles. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-9Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-4Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 11 -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-11Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 12 -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-12Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-8 + Details Name: us-gaap_UseOfEstimates Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 31 R24.htm IDEA: XBRL DOCUMENT v3.24.3 Marketable Securities (Tables) 9 Months Ended Sep. 30, 2024 Debt Securities, Available-for-Sale [Abstract] Â Schedule of Marketable Securities Â Â Â Â Â Â Â Â Â Â Â Â As of September 30, 2024 Â Â Â Amortized Cost Â Â Unrealized Gains Â Â Unrealized Losses Â Â Fair Value Â Marketable Securities Â Â Â Â Â Â Â Â Â Â Â Â US Treasury obligations Â $ 128,478 Â Â Â $ 150 Â Â Â $ â€” Â Â $ 128,628 Â US Government agency securities Â Â Â 22,059 Â Â Â Â 34 Â Â Â Â (1) Â Â 22,092 Â Asset-backed securities Â Â Â 54,884 Â Â Â Â 121 Â Â Â Â (3) Â Â 55,002 Â Commercial paper Â Â 16,704 Â Â Â Â 16 Â Â Â Â â€” Â Â Â Â 16,720 Â Corporate bonds Â Â 161,584 Â Â Â Â 327 Â Â Â Â (3) Â Â 161,908 Â Total Â $ 383,709 Â Â Â $ 648 Â Â Â $ (7) Â $ 384,350 Â As of December 31, 2023 Â Â Â Amortized Cost Â Â Unrealized Gains Â Â Unrealized Losses Â Â Fair Value Â Marketable Securities Â Â Â Â Â Â Â Â Â Â Â Â US Treasury obligations Â $ 155,816 Â Â Â $ 145 Â Â Â $ (23) Â $ 155,938 Â US Government agency securities Â Â 178,115 Â Â Â 96 Â Â Â (51) Â Â 178,160 Â Commercial paper Â Â 39,461 Â Â Â 14 Â Â Â (27) Â Â 39,448 Â Corporate bonds Â Â 60,684 Â Â Â 65 Â Â Â (12) Â Â 60,737 Â Total Â $ 434,076 Â Â Â $ 320 Â Â Â $ (113) Â $ 434,283 Â X - ReferencesNo definition available. + Details Name: us-gaap_AvailableForSaleSecuritiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-9Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (aa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (aaa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 9: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3Reference 10: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3 + Details Name: us-gaap_DebtSecuritiesAvailableForSaleTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 32 R25.htm IDEA: XBRL DOCUMENT v3.24.3 Fair Value Measurements (Tables) 9 Months Ended Sep. 30, 2024 Fair Value Disclosures [Abstract] Â Schedule of Financial Assets Measured at Fair Value on Recurring Basis The following tables present information about the Companyâ€™s financial assets measured at fair value on a recurring basis and indicate the level of the fair value hierarchy utilized to determine such fair values: Â Â Fair Value Measurements as of September 30, 2024 Â Â Â Level 1 Â Â Level 2 Â Â Level 3 Â Â Total Â Cash equivalents Â Â Â Â Â Â Â Â Â Â Â Â Money market funds Â $ 90,641 Â Â Â $ â€” Â Â Â $ â€” Â Â Â $ 90,641 Â Marketable Securities Â Â Â Â Â Â Â Â Â Â Â Â US Treasury obligations Â Â â€” Â Â Â 128,628 Â Â Â â€” Â Â Â 128,628 Â US Government agency securities Â Â â€” Â Â Â 22,092 Â Â Â â€” Â Â Â 22,092 Â Asset-backed securities Â Â â€” Â Â Â 55,002 Â Â Â â€” Â Â Â 55,002 Â Commercial paper Â Â â€” Â Â Â 16,720 Â Â Â â€” Â Â Â 16,720 Â Corporate bonds Â Â â€” Â Â Â 161,908 Â Â Â â€” Â Â Â 161,908 Â Total Â $ 90,641 Â Â Â $ 384,350 Â Â Â $ â€” Â Â Â $ 474,991 Â Â Â Â Fair Value Measurements as of December 31, 2023 Â Â Â Level 1 Â Â Level 2 Â Â Level 3 Â Â Total Â Cash equivalents Â Â Â Â Â Â Â Â Â Â Â Â Money market funds Â $ 143,740 Â Â Â $ â€” Â Â Â $ â€” Â Â Â $ 143,740 Â Marketable Securities Â Â Â Â Â Â Â Â Â Â Â Â US Treasury obligations Â Â â€” Â Â Â 155,938 Â Â Â â€” Â Â Â 155,938 Â US Government agency securities Â Â â€” Â Â Â 178,160 Â Â Â â€” Â Â Â 178,160 Â Commercial paper Â Â â€” Â Â Â 39,448 Â Â Â â€” Â Â Â 39,448 Â Corporate bonds Â Â â€” Â Â Â 60,737 Â Â Â â€” Â Â Â 60,737 Â Total Â $ 143,740 Â Â Â $ 434,283 Â Â Â $ â€” Â Â Â $ 578,023 Â X - DefinitionTabular disclosure of assets, including [financial] instruments measured at fair value that are classified in stockholders' equity, if any, by class that are measured at fair value on a recurring basis. The disclosures contemplated herein include the fair value measurements at the reporting date by the level within the fair value hierarchy in which the fair value measurements in their entirety fall, segregating fair value measurements using quoted prices in active markets for identical assets (Level 1), significant other observable inputs (Level 2), and significant unobservable inputs (Level 3). + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2:

http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueAssetsMeasuredOnRecurringBasisTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_FairValueDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 33 R26.htm IDEA: XBRL DOCUMENT v3.24.3 Accrued Expenses and Other Current Liabilities (Tables) 9 Months Ended Sep. 30, 2024 Payables and Accruals [Abstract] Â Schedule of Accrued Expenses and Other Current Liabilities Accrued expenses and other current liabilities consist of the following: Â Â September 30,2024 Â Â December 31,2023 Â Research and development, including manufacturing and clinical expenditures Â $ 13,652 Â Â $ 20,999 Â Payroll and payroll related Â Â 4,535 Â Â Â 5,696 Â Professional fees and other Â Â 428 Â Â Â 669 Â Total accrued expenses and other current liabilities Â $ 18,615 Â Â $ 27,364 Â Â X - ReferencesNo definition available. + Details Name: us-gaap_PayablesAndAccrualsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the components of accrued liabilities. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfAccruedLiabilitiesTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 34 R27.htm IDEA: XBRL DOCUMENT v3.24.3 Stock-based Compensation (Tables) 9 Months Ended Sep. 30, 2024 Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Summary of Stock Options Activity The following table summarizes stock option activity for the nine months ended September 30, 2024. Â Â Number ofShares Â Â WeightedAverageExercise PricePer Share Â Â WeightedAverageRemainingContractualTerm (years) Â Â AggregateIntrinsicValue($000s) Â Outstanding at January 1, 2024 Â Â 17,017,319 Â Â $ 15.30 Â Â Â 7.1 Â Â $ 5,080 Â Granted Â Â 3,213,550 Â Â $ 4.10 Â Â Â Â Â Â Â Exercised Â Â â€” Â Â $ â€” Â Â Â Â Â Â Â Cancelled Â Â (64,800) Â $ 18.27 Â Â Â Â Â Â Â Outstanding at September 30, 2024 Â Â 20,166,069 Â Â $ 13.51 Â Â Â 6.8 Â Â $ 6,095 Â Vested and expected to vest at September 30, 2024 Â Â 20,166,069 Â Â $ 13.51 Â Â Â 6.8 Â Â $ 6,095 Â Vested and exercisable at September 30, 2024 Â Â 14,010,255 Â Â $ 16.28 Â Â Â 6.1 Â Â $ 6,075 Â Summary of Stock-based Compensation Expense by Award Type Stock-based compensation expense by award type included within the unaudited condensed consolidated statements of operations and comprehensive loss was as follows: Â Â Three Months EndedSeptember 30, Â Â Nine Months EndedSeptember 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Stock options Â $ 10,612 Â Â $ 11,295 Â Â $ 32,884 Â Â $ 34,592 Â Restricted stock units Â Â 1,356 Â Â Â 1,087 Â Â Â 4,018 Â Â Â 2,590 Â Performance-based stock units Â Â 185 Â Â Â â€” Â Â Â 488 Â Â Â â€” Â Employee stock purchase plan Â Â 11 Â Â Â 1 Â Â Â 80 Â Â Â 89 Â Total stock-based compensation expense Â $ 12,164 Â Â $ 12,383 Â Â $ 37,470 Â Â $ 37,271 Â Schedule of Stock-based Compensation Expense Stock-based compensation expense is classified as follows: Â Â Three Months EndedSeptember 30, Â Â Nine Months EndedSeptember 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Research and development expense Â $ 5,815 Â Â $ 5,564 Â Â $ 17,869 Â Â $ 17,037 Â General and administrative Â Â 6,349 Â Â Â 6,819 Â Â Â 19,601 Â Â Â 20,234 Â Total stock-based compensation expense Â $ 12,164 Â Â $ 12,383 Â Â $ 37,470 Â Â $ 37,271 Â Restricted Stock Units Â Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Summary of Restricted Stock Units Below is the activity related to restricted stock units for the nine months ended September 30, 2024. Â Â Number ofShares Â Â Weighted AverageGrant Date Fair Value Â Outstanding at January 1, 2024 Â Â 2,337,517 Â Â $ 4.69 Â Granted Â Â 1,126,100 Â Â $ 4.05 Â Released Â Â (927,932) Â $ 4.65 Â Cancelled Â Â (12,633) Â $ 4.62 Â Unvested shares at September 30, 2024 Â Â 2,523,052 Â Â $ 4.42 Â Performance-based Restricted Stock Units Â Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Summary of Restricted Stock Units The following table summarizes the activity related to performance-based restricted stock units for the nine months ended September 30, 2024. Â Â Number ofShares Â Â Weighted AverageGrant Date Fair Value Â Outstanding at January 1, 2024 Â Â 724,970 Â Â $ 7.14 Â Granted Â Â 1,057,900 Â Â $ 4.16 Â Released Â Â â€” Â Â $ â€” Â Cancelled Â Â â€” Â Â $ â€” Â Unvested shares at September 30, 2024 Â Â 1,782,870 Â Â $ 5.37 Â X - DefinitionTabular disclosure of cost recognized for award under share-based payment arrangement by plan. Includes, but is not limited to, related tax benefit. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Subparagraph (h)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ScheduleOfCompensationCostForShareBasedPaymentArrangementsAllocationOfShareBasedCompensationCostsByPlanTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of allocation of amount expensed and capitalized for award under share-based payment arrangement to statement of income or comprehensive income and statement of financial position. Includes, but is not limited to, corresponding line item in financial statement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Subparagraph (h)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the number and weighted-average grant date fair value for restricted stock units that were outstanding at the beginning and end of the year, and the number of restricted stock units that were granted, vested, or forfeited during the year. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ScheduleOfShareBasedCompensationRestrictedStockUnitsAwardActivityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure for stock option plans. Includes, but is not limited to, outstanding awards at beginning and end of year, grants, exercises, forfeitures, and weighted-average grant date fair value. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -SubTopic 10 -Topic 718 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e) -SubTopic 10 -Topic 718 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 1D -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-1DReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(v) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AwardTypeAxis=us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=avir_PerformanceBasedRestrictedStockUnitsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 35 R28.htm IDEA: XBRL DOCUMENT v3.24.3 Net Loss Per Share (Tables) 9 Months Ended Sep. 30, 2024 Earnings Per Share [Abstract] Â Summary of Basic and Diluted Earnings Per Share Basic and diluted earnings per share are calculated as follows: Â Â Three Months EndedSeptember 30, Â Â Nine Months EndedSeptember 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Net loss Â $ (31,151) Â $ (33,142) Â $ (134,842) Â $ (96,792) Weighted average common shares outstanding, basic and diluted Â Â 84,422,000 Â Â Â 83,399,769 Â Â Â 84,198,117 Â Â Â 83,374,328 Â Net loss per share, basic and diluted Â $ (0.37) Â $ (0.40) Â $ (1.60) Â $ (1.16) Summary of Antidilutive Securities Excluded from Computation of Net Loss Per Share The following shares were excluded from the computation of the net loss per share for the three and nine months ended September 30, 2024 and 2023, respectively, due to the net loss during the periods as their effect is antidilutive. Â Â Â Three Months EndedSeptember 30, Â Â Nine Months EndedSeptember 30, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Stock options Â Â 20,166,069 Â Â Â 17,006,319 Â Â Â 20,166,069 Â Â Â 17,006,319 Â Restricted stock units Â Â 2,523,052 Â Â Â 2,337,517 Â Â Â 2,523,052 Â Â Â 2,337,517 Â Performance-based restricted stock units Â Â 1,782,870 Â Â Â 724,970 Â Â Â 1,782,870 Â Â Â 724,970 Â Â X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of securities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) in the future that were not included in the computation of diluted EPS because to do so would increase EPS amounts or decrease loss per share amounts for the period presented, by antidilutive securities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 260 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of an entity's basic and diluted earnings per share calculations, including a reconciliation of numerators and denominators of the basic and diluted per-share computations for income from continuing operations. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 36 R29.htm IDEA: XBRL DOCUMENT v3.24.3 Leases (Tables) 9 Months Ended Sep. 30, 2024 Leases [Abstract] Â Summary of Assets and Liabilities Recorded on Balance Sheet The following assets and liabilities are recorded on the Companyâ€™s consolidated balance sheet as of September 30, 2024. Â Â As of September 30, Â Â Â 2024 Â Right-of-use asset Â $ 1,391 Â Current lease liability Â Â 790 Â Non-current lease liability Â Â 1,045 Â Summary of Future Minimum Payments under Operating Leases Future minimum payments under the 225 Lease, currently the Companyâ€™s only operating lease as of September 30, 2024 were as follows. Â Â As of September 30, Â Â Â 2024 Â Remainder of 2024 Â $ 205 Â 2025 Â Â 838 Â 2026 Â Â 855 Â Total lease payments Â Â 1,898 Â Less amount representing implied interest Â Â 63 Â Total lease liability Â $ 1,835 Â Current portion of operating lease liabilities Â $ 790 Â Non-current portion of operating lease liabilities Â $ 1,045 Â X - DefinitionTabular disclosure of balance sheet information related to leases. + ReferencesNo definition available. + Details Name: avir_SupplementalDisclosureOfBalanceSheetInformationRelatedToLeasesTableTextBlock Namespace Prefix: avir_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of undiscounted cash flows of lessee's operating lease liability. Includes, but is not limited to, reconciliation of undiscounted cash flows to operating lease liability recognized in statement of financial position. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityMaturityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 37 R30.htm IDEA: XBRL DOCUMENT v3.24.3 Organization - Additional Information (Details) $ in Millions 9 Months Ended Sep. 30, 2024 USD ($) Patients shares Dec. 31, 2023 shares Nov. 30, 2021 USD ($) Organization [Line Items] Â Â Â Number of patients enrolled in the HCV clinical trial | Patients 275 Â Â Cash and cash equivalents and marketable securities | $ $ 482.8 Â Â Number of shares issued | shares 84,463,059 83,435,513 Â Sales

Agreement | Jeffries Â Â Â Organization [Line Items] Â Â Â Commission percentage of aggregate gross proceeds from each sale of shares 3.00% Â Â Number of shares issued | shares 0 Â Â Sales Agreement | Jeffries | Maximum Â Â Â Organization [Line Items] Â Â Â Aggregate offering price | $ Â Â $ 200.0 X - DefinitionThe commission rate the Company agreed to pay for shares sold under a Sales Agreement, as a percentage of aggregate gross sales proceeds from each sale of shares. + ReferencesNo definition available. + Details Name: avir_CommissionRate Namespace Prefix: avir_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionNature of business. + ReferencesNo definition available. + Details Name: avir_NatureOfBusinessLineItems Namespace Prefix: avir_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNumber of patients enrolled in the HCV clinical trial. + ReferencesNo definition available. + Details Name: avir_NumberOfPatientsEnrolledInTheHcvClinicalTrial Namespace Prefix: avir_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - DefinitionThe value of shares authorized to be issued under a stock issuance program. + ReferencesNo definition available. + Details Name: avir_StockIssuanceProgramAuthorizedAmount Namespace Prefix: avir_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCash includes currency on hand as well as demand deposits with banks or financial institutions. It also includes other kinds of accounts that have the general characteristics of demand deposits in that the customer may deposit additional funds at any time and effectively may withdraw funds at any time without prior notice or penalty. Cash equivalents, excluding items classified as marketable securities, include short-term, highly liquid Investments that are both readily convertible to known amounts of cash, and so near their maturity that they present minimal risk of changes in value because of changes in interest rates. Generally, only investments with original maturities of three months or less qualify under that definition. Original maturity means original maturity to the entity holding the investment. For example, both a three-month US Treasury bill and a three-year Treasury note purchased three months from maturity qualify as cash equivalents. However, a Treasury note purchased three years ago does not become a cash equivalent when its remaining maturity is three months. Short-term investments, exclusive of cash equivalents, generally consist of marketable securities intended to be sold within one year (or the normal operating cycle if longer) and may include trading securities, available-for-sale securities, or held-to-maturity securities (if maturing within one year), as applicable. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CashCashEquivalentsAndShortTermInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionTotal number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_SubsidiarySaleOfStockAxis=avir_OpenMarketSaleAgreementMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: dei_LegalEntityAxis=avir_JefferiesLlcMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 38 R31.htm IDEA: XBRL DOCUMENT v3.24.3 Collaboration Agreement - Additional Information (Details) - USD ($) $ in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Roche License Agreement Â Â Â Â Disaggregation Of Revenue [Line Items] Â Â Â Â Research and development net credits adjustment $ 0 $ 3,748 $ 1,292 $ 12,625 X - DefinitionThe aggregate credit recorded during the period to research and development expense as a result of adjustments to amounts originally reported and the close out of certain activities. + ReferencesNo definition available. + Details Name: avir_ResearchAndDevelopmentCreditAdjustment Namespace Prefix: avir_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91 + Details Name: us-gaap_DisaggregationOfRevenueLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: srt_CounterpartyNameAxis=avir_RocheLicenseAgreementMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 39 R32.htm IDEA: XBRL DOCUMENT v3.24.3 Marketable Securities - Schedule of Marketable Securities (Details) - USD ($) $ in Thousands Sep. 30, 2024 Dec. 31, 2023 Debt Securities, Available-for-Sale [Line Items] Â Â Amortized Cost $ 383,709 $ 434,076 Unrealized Gains 648 320 Unrealized Losses (7) (113) Fair Value 384,350 434,283 U.S. Treasury obligations Â Â Debt Securities, Available-for-Sale [Line Items] Â Â Amortized Cost 128,478 155,816 Unrealized Gains 150 145 Unrealized Losses 0 (23) Fair Value 128,628 155,938 U.S. Government agency securities Â Â Debt Securities, Available-for-Sale [Line Items] Â Â Amortized Cost 22,059 178,115 Unrealized Gains 34 96 Unrealized Losses (1) (51) Fair Value 22,092 178,160 Asset-backed securities Â Â Debt Securities, Available-for-Sale [Line Items] Â Â Amortized Cost 54,884 Â Unrealized Gains 121 Â Unrealized Losses (3) Â Fair Value 55,002 Â Commercial paper Â Â Debt Securities, Available-for-Sale [Line Items] Â Â Amortized Cost 16,704 39,461 Unrealized Gains 16 14 Unrealized Losses Â (27) Fair Value 16,720 39,448 Corporate bonds Â Â Debt Securities, Available-for-Sale [Line Items] Â Â Amortized Cost 161,584 60,684 Unrealized Gains 327 65 Unrealized Losses (3) (12) Fair Value $ 161,908 $ 60,737 X - DefinitionAmount, before tax, of unrealized gain in accumulated other comprehensive income (AOCI) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2 + Details Name: us-gaap_AvailableForSaleDebtSecuritiesAccumulatedGrossUnrealizedGainBeforeTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, before tax, of unrealized loss in accumulated other comprehensive income (AOCI) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2 + Details Name: us-gaap_AvailableForSaleDebtSecuritiesAccumulatedGrossUnrealizedLossBeforeTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmortized cost of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1 + Details Name: us-gaap_AvailableForSaleDebtSecuritiesAmortizedCostBasis Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (aa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481830/320-10-45-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1 + Details Name: us-gaap_AvailableForSaleSecuritiesDebtSecurities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (aa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (aaa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-3 + Details Name: us-gaap_ScheduleOfAvailableForSaleSecuritiesLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_FinancialInstrumentAxis=us-gaap_USTreasurySecuritiesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FinancialInstrumentAxis=us-gaap_USGovernmentAgenciesDebtSecuritiesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FinancialInstrumentAxis=us-gaap_AssetBackedSecuritiesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FinancialInstrumentAxis=us-gaap_CommercialPaperMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FinancialInstrumentAxis=us-gaap_CorporateBondSecuritiesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 40 R33.htm IDEA: XBRL DOCUMENT v3.24.3 Marketable Securities - Additional Information (Details) 3 Months Ended 9 Months Ended Sep. 30, 2024 USD ($) Security Sep. 30, 2024 USD ($) Security Sep. 30, 2023 USD ($) Debt Securities, Available-for-Sale [Abstract] Â Â Â Number of held securities | Security 5 5 Â Debt securities in unrealized loss position $ 7,000 $ 7,000 Â Aggregate fair value 16,157,000 16,157,000 Â Marketable debt securities, charges for credit-related impairments 0 0 Â Securities maturing longer than one year $ 0 0 Â Proceeds from sales and maturities of marketable securities Â $ 462,177,000 $ 527,664,000 X - ReferencesNo definition available. + Details Name: us-gaap_AvailableForSaleSecuritiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), classified as noncurrent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481830/320-10-45-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1 + Details Name: us-gaap_AvailableForSaleSecuritiesDebtSecuritiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of expense for credit loss on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), for which no credit loss was previously recorded. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479106/326-30-50-9 + Details Name: us-gaap_DebtSecuritiesAvailableForSaleAllowanceForCreditLossNotPreviouslyRecorded Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), in unrealized loss position without allowance for credit loss. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479081/326-30-55-8Reference 2: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-6Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a)(1) -Publisher FASB -URI

https://asc.fasb.org/1943274/2147479106/326-30-50-4 + Details Name: us-gaap_DebtSecuritiesAvailableForSaleUnrealizedLossPosition Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of accumulated unrealized loss on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), in unrealized loss position, without allowance for credit loss. Includes beneficial interest in securitized financial asset. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479106/326-30-50-4 + Details Name: us-gaap_DebtSecuritiesAvailableForSaleUnrealizedLossPositionAccumulatedLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionNumber of investments in debt securities measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), in unrealized loss position, without allowance for credit loss. Includes beneficial interest in securitized financial asset. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479106/326-30-50-4 + Details Name: us-gaap_DebtSecuritiesAvailableForSaleUnrealizedLossPositionNumberOfPositions Namespace Prefix: us-gaap_ Data Type: xbrli:integerItemType Balance Type: na Period Type: instant X - DefinitionThe cash inflow associated with the aggregate amount received by the entity through sale or maturity of marketable securities (held-to-maturity or available-for-sale) during the period. + ReferencesNo definition available. + Details Name: us-gaap_ProceedsFromSaleAndMaturityOfMarketableSecurities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 41 R34.htm IDEA: XBRL DOCUMENT v3.24.3 Fair Value Measurements - Schedule of Financial Assets Measured at Fair Value on Recurring Basis (Details) - USD ($) $ in Thousands Sep. 30, 2024 Dec. 31, 2023 Cash equivalents Â Â Marketable securities $ 384,350 $ 434,283 Total 474,991 578,023 Level 1 Â Â Cash equivalents Â Â Total 90,641 143,740 Level 2 Â Â Cash equivalents Â Â Total 384,350 434,283 U.S. Treasury obligations Â Â Cash equivalents Â Â Marketable securities 128,628 155,938 U.S. Treasury obligations | Level 2 Â Â Cash equivalents Â Â Marketable securities 128,628 155,938 U.S. Government agency securities Â Â Cash equivalents Â Â Marketable securities 22,092 178,160 U.S. Government agency securities | Level 2 Â Â Cash equivalents Â Â Marketable securities 22,092 178,160 Commercial paper Â Â Cash equivalents Â Â Marketable securities 16,720 39,448 Commercial paper | Level 2 Â Â Cash equivalents Â Â Marketable securities 16,720 39,448 Corporate bonds Â Â Cash equivalents Â Â Marketable securities 161,908 60,737 Corporate bonds | Level 2 Â Â Cash equivalents Â Â Marketable securities 161,908 60,737 Asset-backed securities Â Â Cash equivalents Â Â Marketable securities 55,002 Â Asset-backed securities | Level 2 Â Â Cash equivalents Â Â Marketable securities 55,002 Â Money Market Funds Â Â Cash equivalents Â Â Cash equivalents 90,641 143,740 Money Market Funds | Level 1 Â Â Cash equivalents Â Â Cash equivalents $ 90,641 $ 143,740 X - DefinitionFair value portion of asset recognized for present right to economic benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_AssetsFairValueDisclosure Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (aa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481830/320-10-45-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1 + Details Name: us-gaap_AvailableForSaleSecuritiesDebtSecurities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_CashAndCashEquivalentsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFair value portion of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_CashAndCashEquivalentsFairValueDisclosure Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel1Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel2Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FinancialInstrumentAxis=us-gaap_USTreasurySecuritiesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FinancialInstrumentAxis=us-gaap_USGovernmentAgenciesDebtSecuritiesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FinancialInstrumentAxis=us-gaap_CommercialPaperMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FinancialInstrumentAxis=us-gaap_CorporateBondSecuritiesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FinancialInstrumentAxis=us-gaap_AssetBackedSecuritiesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_CashAndCashEquivalentsAxis=us-gaap_MoneyMarketFundsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 42 R35.htm IDEA: XBRL DOCUMENT v3.24.3 Accrued Expenses and Other Current Liabilities - Schedule of Accrued Expenses and Other Current Liabilities (Details) - USD ($) $ in Thousands Sep. 30, 2024 Dec. 31, 2023 Payables and Accruals [Abstract] Â Â Research and development, including manufacturing and clinical expenditures $ 13,652 $ 20,999 Payroll and payroll related 4,535 5,696 Professional fees and other 428 669 Total accrued expenses and other current liabilities $ 18,615 $ 27,364 X - DefinitionCarrying value as of the balance sheet date of obligations incurred through that date and payable for professional fees, such as for legal and accounting services received, and fees classified as other. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesNo definition available. + Details Name: avir_AccruedProfessionalFeesAndOtherCurrent Namespace Prefix: avir_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of obligations incurred and payable for research and development, including, but not limited to, manufacturing and clinical expenses. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesNo definition available. + Details Name: avir_AccruedResearchAndDevelopmentExpenseIncludingManufacturingAndClinicalExpendituresCurrent Namespace Prefix: avir_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of expenses incurred but not yet paid nor invoiced, and liabilities classified as other. + ReferencesNo definition available. + Details Name: us-gaap_AccruedLiabilitiesAndOtherLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal of the carrying values as of the balance sheet date of obligations incurred through that date and payable for obligations related to services received from employees, such as accrued salaries and bonuses, payroll taxes and fringe benefits. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_EmployeeRelatedLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_PayablesAndAccrualsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 43 R36.htm IDEA: XBRL DOCUMENT v3.24.3 Common Stock - Additional Information (Details) - shares 9 Months Ended Sep. 30, 2024 Dec. 31, 2023 Equity [Abstract] Â Â Common stock, shares authorized 300,000,000 300,000,000 Common stock, shares issued 84,463,059 83,435,513 Common stock, shares outstanding 84,463,059 83,435,513 Common stock voting rights per share On all matters to be voted upon by the holders of the Companyâ€™s common stock, holders of the Companyâ€™s common stock are entitled to one vote per share. Â X - DefinitionThe maximum number of common shares permitted to be issued by an entity's charter and bylaws. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_CommonStockSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionTotal number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares of common stock outstanding. Common stock represent the ownership interest in a corporation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3 + Details Name: us-gaap_CommonStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionDescription of voting rights of common stock. Includes eligibility to vote and votes per share owned. Include also, if any, unusual voting rights. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-3 + Details Name: us-gaap_CommonStockVotingRights Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_EquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 44 R37.htm IDEA: XBRL DOCUMENT v3.24.3 Stock-based Compensation - Additional Information (Details) $ in Thousands 1 Months Ended 3 Months Ended 9 Months Ended 39 Months Ended Jan. 31, 2024 shares Jan. 31, 2023 shares Oct. 31, 2020 shares Sep. 30, 2024 USD ($) shares Mar. 31, 2024 shares Sep. 30, 2023 USD ($) shares Mar. 31, 2023 shares Sep. 30, 2024 USD ($) Installment shares Sep. 30, 2023 USD ($) Dec. 31, 2023 shares Share Based Compensation Arrangement By Share Based Payment Award [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Number of shares granted Â Â Â Â Â Â Â 3,213,550 Â Â Compensation expense | $ Â Â Â $ 12,164 Â $ 12,383 Â $ 37,470 $ 37,271 Â Gross proceeds from issuance of common stock | $ Â Â Â Â Â Â Â $ 267 257 Â Common Stock Â Â Â Â Â Â Â Â Â Â Â Â Share Based Compensation Arrangement By Share Based Payment Award [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Issuance of common stock under ESPP, shares Â Â Â 41,059 58,555 36,136 57,803 Â Â Â Restricted Stock Units Â Â Â Â Â Â Â Â Â Â Â Â Share Based Compensation Arrangement By Share Based Payment Award [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Number of units granted Â Â Â Â Â Â Â 1,126,100 Â Â Number of units cancelled due to terminations Â Â Â Â Â Â Â 12,633 Â Â Aggregate grant date fair market value of restricted stock units granted | $ Â Â Â Â Â Â Â Â Â $ 4,557 Â Â Number of installments | Installment Â Â Â Â Â Â Â Â Â Â Â 3 Â Â Unrecognized compensation expense | $ Â Â Â $ 7,801 Â Â Â $ 7,801 Â Â Remaining weighted average period for recognize compensation expense Â Â Â Â Â Â Â Â 1 year 8 months 12 days Â Â Stock units outstanding Â Â Â 2,523,052 Â Â Â 2,523,052 Â 2,337,517 Compensation expense | $ Â Â Â $ 1,356 Â $ 1,087 Â $ 4,018 2,590 Â Performance-based Restricted Stock Units Â Â Â Â Â Â Â Â Â Â Â Â Share Based Compensation Arrangement By Share Based Payment Award [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Number of units granted Â Â Â Â Â Â Â 1,057,900 Â Â Stock units outstanding Â Â Â 1,782,870 Â Â Â 1,782,870 Â 724,970 Compensation expense | $ Â Â Â $ 185 Â Â Â $ 488 Â Â 2022 Performance-based Restricted Stock Units [Member] Â Â Â Â Â Â Â Â Â Â Â Â Share Based Compensation Arrangement By Share Based Payment Award [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Performance based restricted stock units terms of award Â Â Â Â Â Â Â Â Â Â Â Â The 2022 PSUs provide for a performance period from February 1, 2022 through January 31, 2025 to achieve up to six defined performance metrics. The percentage of 2022 PSUs eligible to vest will be determined based on the number of metrics achieved during the performance period and may range from 0% to 200%. The Company has not recognized any compensation expense through September 30, 2024, as achievement of the minimum performance criteria had not been deemed probable. The vesting of any eligible 2022 PSUs will occur in equal installments on January 31, 2025 and January 31, 2026. Â Â Stock units outstanding Â Â Â Â Â Â Â Â Â Â Â Â 724,970 2024 Performance-based Restricted Stock Units [Member] Â Â Â Â Â Â Â Â Â Â Â Â Share Based Compensation Arrangement By Share Based Payment Award [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Number of units granted Â Â Â Â Â Â Â 1,057,900 Â Â Aggregate grant date fair market value of restricted stock units granted | $ Â Â Â Â Â Â Â Â Â $ 4,401 Â Â Triggering expense recognition Â Â Â 50.00% Â Â Â 50.00% Â Â Performance based restricted stock units terms of award Â Â Â Â Â Â Â Â Â Â Â Â The 2024 PSUs provide for a performance period from February 1, 2024 through January 31, 2027 to achieve up to four defined metrics. The percentage of 2024 PSUs eligible to vest will be determined based on the number of metrics achieved during the performance period and may range

from 0% to 200%. As of September 30, 2024 one metric was deemed probable of achievement resulting in expense recognition of 50% of the grant date value of the 2024 PSUs. Compensation expense is being recognized from the grant date through the final vest date of January 31, 2027. Â Â Employee Stock Option Â Â Â Â Â Â Â Â Â Â Share Based Compensation Arrangement By Share Based Payment Award [Line Items] Â Â Â Â Â Â Â Â Â Â Number of shares granted Â Â Â 34,000 Â Â Â 3,213,550 Â Â Aggregate grant date fair market value | $ Â Â Â $ 83 Â Â Â Â $ 9,622 Â Â Vesting service period Â Â Â Â Â Â Â Â 4 years Â Â Award contractual term Â Â Â Â Â Â Â Â 10 years Â Â Unrecognized compensation expense | $ Â Â Â 31,529 Â Â Â Â $ 31,529 Â Â Remaining weighted average period for recognize compensation expense Â Â Â Â Â Â Â Â 2 years 3 months 18 days Â Â Compensation expense | $ Â Â Â $ 10,612 Â 11,295 Â $ 32,884 34,592 Â Employee Stock Purchase Plan Â Â Â Â Â Â Â Â Â Â Share Based Compensation Arrangement By Share Based Payment Award [Line Items] Â Â Â Â Â Â Â Â Â Â Â Â Percentage of shares of common stock Outstanding Â Â 1.00% Â Â Â Â Â Â Â Â Common stock available for issuance Â Â Â 2,631,642 Â Â Â 2,631,642 Â Â Compensation expense | $ Â Â Â $ 11 Â $ 1 Â $ 80 $ 89 Â Common stock, capital shares reserved for future issuance Â Â 1,187,000 Â Â Â Â Â Â Â Â Issuance of common stock under ESPP, shares Â Â Â 41,059 Â Â Â 99,614 Â Â Gross proceeds from issuance of common stock | $ Â Â Â $ 117 Â Â Â $ 267 Â Â Employee Stock Purchase Plan | Common Stock Â Â Â Â Â Â Â Â Â Â Â Â Share Based Compensation Arrangement By Share Based Payment Award [Line Items] Â Â Â Â Â Â Â Â Â Â Increased number of shares available under plan 834,355 832,876 Â Â Â Â Â Â Â Â Â Â 2020 Incentive Award Plan Â Â Â Â Â Â Â Â Â Â Share Based Compensation Arrangement By Share Based Payment Award [Line Items] Â Â Â Â Â Â Â Â Â Â Increased number of shares available under plan 4,171,775 Â Â Â Â Â Â Â Â Â Â 12,450,364 Percentage of shares of common stock Outstanding Â Â 5.00% Â Â Â Â Â Â Â Â Common stock available for issuance Â Â Â 5,362,362 Â Â Â 5,362,362 Â Â Minimum | 2022 Performance-based Restricted Stock Units [Member] Â Â Â Â Â Â Â Â Â Â Share Based Compensation Arrangement By Share Based Payment Award [Line Items] Â Â Â Â Â Â Â Â Â Â Award vesting percentage Â Â Â Â Â Â Â 0.00% Â Â Minimum | 2024 Performance-based Restricted Stock Units [Member] Â Â Â Â Â Â Â Â Â Â Share Based Compensation Arrangement By Share Based Payment Award [Line Items] Â Â Â Â Â Â Â Â Â Â Award vesting percentage Â Â Â Â Â Â Â 0.00% Â Â Maximum | 2022 Performance-based Restricted Stock Units [Member] Â Â Â Â Â Â Â Â Â Â Share Based Compensation Arrangement By Share Based Payment Award [Line Items] Â Â Â Â Â Â Â Â Â Â Award vesting percentage Â Â Â Â Â Â Â 200.00% Â Â Maximum | 2024 Performance-based Restricted Stock Units [Member] Â Â Â Â Â Â Â Â Â Â Share Based Compensation Arrangement By Share Based Payment Award [Line Items] Â Â Â Â Â Â Â Â Â Â Award vesting percentage Â Â Â Â Â Â Â 200.00% Â Â Maximum | 2020 Incentive Award Plan Â Â Â Â Â Â Â Â Â Â Share Based Compensation Arrangement By Share Based Payment Award [Line Items] Â Â Â Â Â Â Â Â Â Â Number of shares available for grant Â Â 7,924,000 Â Â Â Â Â Â Â Â X - DefinitionThe maximum increase in the number of shares that may be issued under a share-based payment arrangement on the first day of each fiscal year, as a percentage of shares outstanding. + ReferencesNo definition available. + Details Name: avir_ShareBasedCompensationArrangementByShareBasedPaymentAwardAnnualIncreasePercentage Namespace Prefix: avir_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThe aggregate grant date fair value of equity instruments other than options granted during the period. + ReferencesNo definition available. + Details Name: avir_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantedInPeriodAggregateGrantDateFairValue Namespace Prefix: avir_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate grant date fair value of options granted during the period. + ReferencesNo definition available. + Details Name: avir_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantedInPeriodAggregateGrantDateFairValue Namespace Prefix: avir_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe number of annual installments in which a share-based payment award vests. + ReferencesNo definition available. + Details Name: avir_ShareBasedCompensationArrangementByShareBasedPaymentAwardVestingNumberOfInstallments Namespace Prefix: avir_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - DefinitionThe amount of expense recognized as of the balance sheet date due to metric achievement probability, as a percentage. + ReferencesNo definition available. + Details Name: avir_TriggeringExpenseRecognitionPercentage Namespace Prefix: avir_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionAmount of expense for award under share-based payment arrangement. Excludes amount capitalized. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.F) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_AllocatedShareBasedCompensationExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAggregate number of common shares reserved for future issuance. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockCapitalSharesReservedForFutureIssuance Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionWeighted-average period over which cost not yet recognized is expected to be recognized for award under share-based payment arrangement, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionAmount of cost to be recognized for nonvested award under share-based payment arrangement. Excludes share and unit options. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedShareBasedAwardsOtherThanOptions Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of cost to be recognized for option under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedStockOptions Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe cash inflow associated with the amount received from the stock plan during the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromStockPlans Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionEstimated period over which an employee is required to provide service in exchange for the equity-based payment award, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardRequisiteServicePeriod1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that were forfeited during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe number of grants made during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe number of non-vested equity-based payment instruments, excluding stock (or unit) options, that validly exist and are outstanding as of the balance sheet date. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 1D -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-1DReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(v) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNumber of additional shares authorized for issuance under share-based payment arrangement. + ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfAdditionalSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of shares authorized for issuance under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionThe difference between the maximum number of shares (or other type of equity) authorized for issuance under the plan (including the effects of amendments and adjustments), and the sum of: 1) the number of shares (or other type of equity) already issued upon exercise of options or other equity-based awards under the plan; and 2) shares (or other type of equity) reserved for issuance on granting of outstanding awards, net of cancellations and forfeitures, if applicable. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAvailableForGrant Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType

Balance Type: na Period Type: instant X - DefinitionNet number of share options (or share units) granted during the period. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionDescription of terms of award under share-based payment arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardTermsOfAward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPercentage of vesting of award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementBySharebasedPaymentAwardAwardVestingRightsPercentage Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionPeriod from grant date that an equity-based award expires, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementBySharebasedPaymentAwardExpirationPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionNumber of shares issued during the period as a result of an employee stock purchase plan. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodSharesEmployeeStockPurchasePlans Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_CommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=avir_PerformanceBasedRestrictedStockUnitsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=avir_TwoThousandAndTwentyTwoPerformanceBasedRestrictedStockUnitsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=avir_TwoThousandAndTwentyFourPerformanceBasedRestrictedStockUnitsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=us-gaap_EmployeeStockOptionMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_SubsidiarySaleOfStockAxis=us-gaap_EmployeeStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PlanNameAxis=avir_TwoThousandTwentyIncentiveAwardPlanMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 45 R38.htm IDEA: XBRL DOCUMENT v3.24.3 Stock-based Compensation - Summary of Stock Options Activity (Details) $ / shares in Units, $ in Thousands 9 Months Ended 12 Months Ended Sep. 30, 2024 USD ($) $ / shares shares Dec. 31, 2023 USD ($) $ / shares shares Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding [Roll Forward] Â Â Number of Shares, Outstanding | shares 17,017,319 Â Number of Shares, Granted | shares 3,213,550 Â Number of Shares, Cancelled | shares (64,800) Â Number of Shares, Outstanding | shares 20,166,069 17,017,319 Number of Shares, Vested and expected to vest | shares 20,166,069 Â Number of Shares, Vested and exercisable | shares 14,010,255 Â Weighted Average Exercise Price Per Share Â Â Weighted Average Exercise Price Per Share, Outstanding | $ / shares $ 15.3 Â Weighted Average Exercise Price Per Share, Granted | $ / shares 4.1 Â Weighted Average Exercise Price Per Share, Cancelled | $ / shares 18.27 Â Weighted Average Exercise Price Per Share, Outstanding | $ / shares 13.51 $ 15.3 Weighted Average Exercise Price Per Share, Vested and expected to vest | $ / shares 13.51 Â Weighted Average Exercise Price Per Share, Vested and exercisable | $ / shares $ 16.28 Â Weighted Average Remaining Contractual Term and Aggregate Intrinsic Value Â Â Weighted Average Remaining Contractual Term (years), Outstanding 6 years 9 months 18 days 7 years 1 month 6 days Weighted Average Remaining Contractual Term (years), Vested and expected to vest 6 years 9 months 18 days Â Weighted Average Remaining Contractual Term (years), Vested and exercisable 6 years 1 month 6 days Â Aggregate Intrinsic Value, Outstanding | $ $ 6,095 $ 5,080 Aggregate Intrinsic Value, Vested and expected to vest | $ 6,095 Â Aggregate Intrinsic Value, Vested and exercisable | $ $ 6,075 Â X - ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsAdditionalDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFor presentations that combine terminations, the number of shares under options that were cancelled during the reporting period as a result of occurrence of a terminating event specified in contractual agreements pertaining to the stock option plan or that expired. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsForfeituresAndExpirationsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionWeighted average price of options that were either forfeited or expired. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsForfeituresAndExpirationsInPeriodWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionNet number of share options (or share units) granted during the period. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionAmount by which the current fair value of the underlying stock exceeds the exercise price of options outstanding. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingIntrinsicValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionNumber of options outstanding, including both vested and non-vested options. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingRollForward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionWeighted average price at which grantees can acquire the shares reserved for issuance under the stock option plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageExercisePriceRollforward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount by which current fair value of underlying stock exceeds exercise price of fully vested and expected to vest exercisable or convertible options. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestExercisableAggregateIntrinsicValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionNumber of fully vested and expected to vest exercisable options that may be converted into shares under option plan. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestExercisableNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionWeighted-average exercise price, at which grantee can acquire shares reserved for issuance, for fully vested and expected to vest exercisable or convertible options. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestExercisableWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionAmount by which current fair value of underlying stock exceeds exercise price of fully vested and expected to vest options outstanding. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingAggregateIntrinsicValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionNumber of fully vested and expected to vest options outstanding that can be converted into shares under option plan. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionWeighted-average exercise price, at which grantee can acquire shares reserved for issuance, for fully vested and expected to vest options outstanding. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionWeighted average per share amount at which grantees can acquire shares of common stock by exercise of options. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardOptionsGrantsInPeriodWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionWeighted average remaining contractual term for option awards outstanding, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Subparagraph (e)(1) -Name Accounting Standards Codification -Paragraph 2 -Section 50 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageRemainingContractualTerm2 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionWeighted average remaining contractual term for fully vested and expected to vest exercisable or convertible options, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestExercisableWeightedAverageRemainingContractualTerm1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionWeighted average remaining contractual term for fully vested and expected to vest options outstanding, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingWeightedAverageRemainingContractualTerm1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration XML 46 R39.htm IDEA: XBRL DOCUMENT v3.24.3 Stock-based Compensation - Summary of Restricted Stock

Units (Details) 9 Months Ended Sep. 30, 2024 $ / shares shares Restricted Stock Units Â Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Number of shares, Outstanding | shares 2,337,517 Number of shares, Granted | shares 1,126,100 Number of shares, Released | shares (927,932) Number of shares, Cancelled | shares (12,633) Number of shares, Unvested | shares 2,523,052 Weighted Average Grant Date Fair Value, Outstanding | $ / shares $ 4.69 Weighted Average Grant Date Fair Value, Granted | $ / shares 4.05 Weighted Average Grant Date Fair Value, Released | $ / shares 4.65 Weighted Average Grant Date Fair Value, Cancelled | $ / shares 4.62 Weighted Average Grant Date Fair Value, Unvested | $ / shares $ 4.42 Performance-based Restricted Stock Units Â Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Number of shares, Outstanding | shares 724,970 Number of shares, Granted | shares 1,057,900 Number of shares, Unvested | shares 1,782,870 Weighted Average Grant Date Fair Value, Outstanding | $ / shares $ 7.14 Weighted Average Grant Date Fair Value, Granted | $ / shares 4.16 Weighted Average Grant Date Fair Value, Unvested | $ / shares $ 5.37 X - DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that were released during the reporting period. + ReferencesNo definition available. + Details Name: avir_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsReleasedInPeriod Namespace Prefix: avir_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionWeighted average fair value as of the grant date of equity-based award plans other than stock (unit) option plans that were released during the period. + ReferencesNo definition available. + Details Name: avir_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionReleasedInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: avir_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that were forfeited during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionWeighted average fair value as of the grant date of equity-based award plans other than stock (unit) option plans that were not exercised or put into effect as a result of the occurrence of a terminating event. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeituresWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe number of grants made during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe weighted average fair value at grant date for nonvested equity-based awards issued during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe number of non-vested equity-based payment instruments, excluding stock (or unit) options, that validly exist and are outstanding as of the balance sheet date. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionPer share or unit weighted-average fair value of nonvested award under share-based payment arrangement. Excludes share and unit options. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 1D -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-1DReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(v) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AwardTypeAxis=us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=avir_PerformanceBasedRestrictedStockUnitsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 47 R40.htm IDEA: XBRL DOCUMENT v3.24.3 Stock-based Compensation - Summary of Stock-based Compensation Expense by Award Type (Details) - USD ($) $ in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Line Items] Â Â Â Â Total stock-based compensation expense $ 12,164 $ 12,383 $ 37,470 $ 37,271 Stock Options Â Â Â Â Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Line Items] Â Â Â Â Total stock-based compensation expense 10,612 11,295 32,884 34,592 Restricted Stock Units Â Â Â Â Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Line Items] Â Â Â Â Total stock-based compensation expense 1,356 1,087 4,018 2,190 Performance-based Stock Units Â Â Â Â Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Line Items] Â Â Â Â Total stock-based compensation expense 185 Â 488 Â Employee Stock Purchase Plan Â Â Â Â Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Line Items] Â Â Â Â Total stock-based compensation expense $ 11 $ 1 $ 80 $ 89 X - DefinitionAmount of expense for award under share-based payment arrangement. Excludes amount capitalized. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.F) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_AllocatedShareBasedCompensationExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AwardTypeAxis=us-gaap_EmployeeStockOptionMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=avir_PerformanceBasedStockUnitsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_SubsidiarySaleOfStockAxis=us-gaap_EmployeeStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 48 R41.htm IDEA: XBRL DOCUMENT v3.24.3 Stock-based Compensation - Stock-based Compensation Expense (Details) - USD ($) $ in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Employee Service Share Based Compensation Allocation Of Recognized Period Costs [Line Items] Â Â Â Â Total stock-based compensation expense $ 12,164 $ 12,383 $ 37,470 $ 37,271 Research and Development Expense Â Â Â Â Employee Service Share Based Compensation Allocation Of Recognized Period Costs [Line Items] Â Â Â Â Total stock-based compensation expense 5,815 5,564 17,869 17,037 General and Administrative Â Â Â Â Employee Service Share Based Compensation Allocation Of Recognized Period Costs [Line Items] Â Â Â Â Total stock-based compensation expense $ 6,349 $ 6,819 $ 19,601 $ 20,234 X - DefinitionAmount of expense for award under share-based payment arrangement. Excludes amount capitalized. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.F) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_AllocatedShareBasedCompensationExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_ResearchAndDevelopmentExpenseMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_GeneralAndAdministrativeExpenseMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 49 R42.htm IDEA: XBRL DOCUMENT v3.24.3 Net Loss Per Share - Summary of Basic and Diluted Earnings Per Share (Details) - USD ($) $ / shares in Units, $ in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 Jun. 30, 2024 Mar. 31, 2024 Sep. 30, 2023 Jun. 30, 2023 Mar. 31, 2023 Sep. 30, 2024 Sep. 30, 2023 Earnings Per Share [Abstract] Â Â Â Â Â Â Â Â Net loss $ (31,151) $ (40,522) $ (63,169) $ (33,142) $ (28,183) $ (35,467) $ (134,842) $ (96,792) Weighted average common shares outstanding, basic 84,422,000 Â Â 83,399,769 Â Â 84,198,117 83,374,328 Weighted-average number of common shares - diluted 84,422,000 Â Â 83,399,769 Â Â 84,198,117 83,374,328 Net loss per share, basic $ (0.37) Â Â $ (0.4) Â Â $ (1.6) $ (1.16) Net loss per share, diluted $ (0.37) Â Â $ (0.4) Â Â $ (1.6) $ (1.16) X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -

Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareBasic Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period available to each share of common stock or common unit outstanding during the reporting period and to each share or unit that would have been outstanding assuming the issuance of common shares or units for all dilutive potential common shares or units outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareDiluted Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16 + Details Name: us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10 + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration XML 50 R43.htm IDEA: XBRL DOCUMENT v3.24.3 Net Loss Per Share - Summary of Antidilutive Securities Excluded from Computation of Net Loss Per Share (Details) - shares 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Stock Options Â Â Â Â Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Â Â Â Â Number of shares excluded from computation of diluted net income per share 20,166,069 17,006,319 20,166,069 17,006,319 Restricted Stock Units Â Â Â Â Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Â Â Â Â Number of shares excluded from computation of

diluted net income per share 2,523,052 2,337,517 2,523,052 2,337,517 Performance-based Restricted Stock Units Â Â Â Â Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Â Â Â Â Number of shares excluded from computation of diluted net income per share 1,782,870 724,970 1,782,870 724,970 X - DefinitionSecurities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) or earnings per unit (EPU) in the future that were not included in the computation of diluted EPS or EPU because to do so would increase EPS or EPU amounts or decrease loss per share or unit amounts for the period presented. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=us-gaap_EmployeeStockOptionMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=avir_PerformanceBasedRestrictedStockUnitsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 51 R44.htm IDEA: XBRL DOCUMENT v3.24.3 Leases - Additional Information (Details) - USD ($) $ in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Lessor, Lease, Description [Line Items] Â Â Â Â Operating lease costs $ 162 $ 162 $ 485 $ 485 Office Space Â Â Â Â Lessor, Lease, Description [Line Items] Â Â Â Â Location of office space Â Â Boston, Massachusetts at 225 Franklin Street Â Lease commencement date Â Â Jan. 01, 2022 Â Lease expiration date Â Â Dec. 31, 2026 Â Lessor, Operating Lease, Existence of Option to Extend [true false] Â Â false Â X - DefinitionDate which lease or group of leases is set to commence, in YYYY-MM-DD format. + ReferencesNo definition available. + Details Name: avir_LeaseCommencementDate Namespace Prefix: avir_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionLocation of Office Space + ReferencesNo definition available. + Details Name: avir_LocationOfOfficeSpace Namespace Prefix: avir_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionDate which lease or group of leases is set to expire, in YYYY-MM-DD format. + ReferencesNo definition available. + Details Name: us-gaap_LeaseExpirationDate1 Namespace Prefix: us-gaap_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479773/842-30-50-3 + Details Name: us-gaap_LessorLeaseDescriptionLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionIndicates (true false) whether lessor has option to extend operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479773/842-30-50-3 + Details Name: us-gaap_LessorOperatingLeaseExistenceOfOptionToExtend Namespace Prefix: us-gaap_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionAmount of single lease cost, calculated by allocation of remaining cost of lease over remaining lease term. Includes, but is not limited to, single lease cost, after impairment of right-of-use asset, calculated by amortization of remaining right-of-use asset and accretion of lease liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_OperatingLeaseCost Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=avir_OfficeSpaceMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 52 R45.htm IDEA: XBRL DOCUMENT v3.24.3 Leases - Summary of Assets and Liabilities Recorded on Consolidated Balance Sheet (Details) - USD ($) $ in Thousands Sep. 30, 2024 Dec. 31, 2023 Leases [Abstract] Â Â Right-of-use asset $ 1,391 $ 1,828 Current lease liability 790 760 Non-current lease liability $ 1,045 $ 1,642 X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as noncurrent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's right to use underlying asset under operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseRightOfUseAsset Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 53 R46.htm IDEA: XBRL DOCUMENT v3.24.3 Leases - Future Minimum Payments under Operating Leases (Details) - USD ($) $ in Thousands Sep. 30, 2024 Dec. 31, 2023 Leases [Abstract] Â Â Remainder of 2024 $ 205 Â 2025 838 Â 2026 855 Â Total lease payments 1,898 Â Less amount representing implied interest 63 Â Total lease liability 1,835 Â Current portion of operating lease liabilities 790 $ 760 Non-current portion of operating lease liabilities $ 1,045 $ 1,642 X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in next fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueNextTwelveMonths Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in second fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearTwo Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease having initial or remaining lease term in excess of one year to be paid in remainder of current fiscal year. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsRemainderOfFiscalYear Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payments in excess of discounted obligation for lease payments for operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityUndiscountedExcessAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as noncurrent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 54 R47.htm IDEA: XBRL DOCUMENT v3.24.3 Income Taxes - Additional Information (Details) - USD ($) $ in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Income Tax Disclosure [Abstract] Â Â Â Â Income tax expense (benefit) $ 226 $ 221 $ 700 $ 669 X - ReferencesNo definition available. + Details Name: us-gaap_IncomeTaxDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_IncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 55 R48.htm IDEA: XBRL DOCUMENT v3.24.3 Commitments and Contingencies - Additional Information (Details) 9 Months Ended Sep. 30, 2024 USD ($) Business Development Consulting Agreements | Maximum Â Loss Contingencies [Line Items] Â Success fee $ 5,000,000 Merck License Agreement Â Loss Contingencies [Line Items] Â Milestone payments $ 5,000,000 X - DefinitionThe aggregate amount payable by the Company, as part of a consulting agreement. The payout amount is a success fee calculated as a percentage of certain product sales. + ReferencesNo definition available. + Details Name: avir_ConsultingAgreementSuccessFeePayout Namespace Prefix: avir_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe amount due upon achievement of specified milestones. + ReferencesNo definition available. + Details Name: avir_MilestonePayments Namespace Prefix: avir_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 720 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483359/720-20-50-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 27 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482395/460-10-55-27Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1 + Details Name: us-gaap_LossContingenciesLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_IndefiniteLivedIntangibleAssetsByMajorClassAxis=avir_BusinessDevelopmentConsultingAgreementsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_CounterpartyNameAxis=avir_MerckLicenseAgreementMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 56 R49.htm IDEA: XBRL DOCUMENT v3.24.3 Benefit Plan - Additional Information (Details) - USD ($) $ in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Defined contribution plan recognized expense related to matching contributions $ 149 $ 105 $ 711 $ 642 Maximum Â Â Â Â Defined Benefit Plan Disclosure [Line Items] Â Â Â Â Defined contribution plan, employer matching contribution, percentage Â Â 4.00% Â X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_DefinedBenefitPlanDisclosureLineItems Namespace Prefix: us-gaap_

Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cost for defined contribution plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 715 -SubTopic 70 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480794/715-70-50-1 + Details Name: us-gaap_DefinedContributionPlanCostRecognized Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionPercentage of employees' gross pay for which the employer contributes a matching contribution to a defined contribution plan. + ReferencesNo definition available. + Details Name: us-gaap_DefinedContributionPlanEmployerMatchingContributionPercent Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 57 R50.htm IDEA: XBRL DOCUMENT v3.24.3 Related Party Transactions - Additional Information (Details) - Consulting Agreement - USD ($) 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Entity Controlled by Director Â Â Â Â Related Party Transaction [Line Items] Â Â Â Â Annual retainer $ 110,000 Â $ 110,000 Â Related Party | Director Â Â Â Â Related Party Transaction [Line Items] Â Â Â Â Related party transaction expense 0 $ 0 0 $ 0 Related Party | Entity Controlled by Director Â Â Â Â Related Party Transaction [Line Items] Â Â Â Â Related party transaction expense $ 27,000 $ 27,000 $ 81,000 $ 81,000 X - DefinitionGenerally recurring costs associated with normal operations except for the portion of these expenses which can be clearly related to production and included in cost of sales or services. Excludes Selling, General and Administrative Expense. + ReferencesNo definition available. + Details Name: us-gaap_OperatingCostsAndExpenses Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481990/310-10-45-13Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(c)(2)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(c)(2)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(g)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1 + Details Name: us-gaap_RelatedPartyTransactionLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of assets, typically cash, provided to suppliers of goods in advance of receipt and acceptance, or services (such as research facilities, lawyers or consultants), which is held by such parties until the entity either effects full payment (including applying the retainer) or obtains release from liability. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_RetainageDeposit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: srt_ProductOrServiceAxis=avir_ConsultingAgreementMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_TitleOfIndividualAxis=avir_EntityControlledByDirectorMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=us-gaap_RelatedPartyMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_TitleOfIndividualAxis=srt_DirectorMember Namespace Prefix: Data Type: na Balance Type: Period Type: EXCEL 58 Financial_Report.xlsx IDEA: XBRL DOCUMENT begin 644 Financial_Report.xlsx M4$L#!!0 ("B%9UD'04UB@0 +$ 0 9&]C4')O<',O87!P+GAM M;$V./0L",1!$_\IQO;=!P4)B0-!2L+(/>QLOD&1#LD)^OCG!CVX>;QA&WPIG M*N*I#BV&5(_C(I(/ !47BK9.7:=N')=HI6-Y #OGDK7A.YNJQ<&4GPZ4&!0@U[R;UEA_6\#MI7E!+ P04 M " HA6=9#LXU;.X K @ $0 &1O8U!R;W!S+V-O&ULS9+/ M2L0P$(=? 17)O)^FN"J';B^))07!!\1:2V=U@\X=DI-VWMXV[740?P&-F?OGF M&YA61ZE#PN<4(B:RF*]&U_LL==RP U&4 %D?T*E<3PD_-7\/$S]05F-&"/#CUE$+4 ULT3 MXW'L6[@ 9AAA7\JZE?69 ME-621A'^_1S80RY8-[9)-NIL\!"SI^\Y%1^?H.'GS[BYBZ(:(E/)X M78-DOV]:[MR_>X%#BVR]*+ M41B1%G\@M MNN01.+5)#3(3/PB=AIAJ4!P"I DQEJ&&^+3&K!'@$WVWO@C(WXV(]ZMOFCU7 MH5A)VH3X$$8:XIQSYG/1;/L'I4;1]E6\W*.76!4!EQC?-*H\+,76>)7 \:< M/!T3$LV4"P9!AI@S M&L%&KQMUAVC2/'K^!?F<-0HACA*FNVB<5@$_9Y>PTG!Z(+ +9OVX?H;5,VPLCO='U!=*Y \FIS_I,C0' MHYI9";V$5FJ?JH,@H%\;D>/N5Z> HWEL:\4*Z"\>P' T=HWPJOX@L Y M?RYJSZ7ON?0]H=*W-R-]9\'3BUO>1FY;Q/NN,=K7-"XH8U=RSTS0LS0[=R2^JVE+ZU)CA* M]+', <$X>RPP[9SR2';9WH!TU^_9==N0CI3!3ET.X&D*^ VVZG=PZ,)Z8D;D* MTU*0;VYZ<5X=A=N(YV02Y?9A7;>?8T='[Y\%1L*/O/)8=QXCRHB'NH8:8S\-# MAWE[7YAGE<90-!1M;*PD+$:W8+C7\2P4X&1@+: '@Z]1 O)256 Q6\8#*Y"B M?$R,1>APYY=<7^/1DN/;IF6U;]\I=QEM(E(YPFF8$V>KRMYEL<%5'<]56_*P MOFH]M!5.S_Y9KF4Q9Z;RWRT,"2Q;B%D2XDU=[=7GFYRN>B)V^I=W MP6#R_7#)1P_E.^=?]%U#KG[VW>/Z;I,[2$R<><41 71% B.5' 86%S+D4.Z2 MD 83 >LX=SFWJXPD6L_UC6'ODRWSEPVSK> U[F M$RQ#I'[!? 8J*@!&K8KZZKT_Y)9P[M'OQ@2"; -:;I/;=X Q\U*M:I60K$3+ M!WP?D@9CC%OT-%^/%&*MIK&MQMHQ#'F 6/,,H68XWX=%FAHSU8NL.8T*;T'5 M0.4_V]0-:/8--!R1!5XQF;8VH^1."CS<_N\-L,+$CN'MB[\!4$L#!!0 (M "B%9UEU%2UA_P4 .0? 8 >&PO=V]R:W-H965T&UL MM9G_;^(V&,;_%8M-TR:5DCA X=8B4=IN:'<]KG0WW:;]X"8&HB9Q9CO0_O=[M8T)"3\X+%QV_M"3D>? #'7Q_'EQLAG]6*XBA15ZV5UNF[3D?Y*QXS=2Y2 MGL W"R%CIN%2+CLJE9P%1A1''>HX_4[,PJ0UNC3W9G)T*3(=A0F?2:*R.&;R M]9I'8G/5<5_G%@S^K?F$1U'N!.7XKS!M ME;^9"_<_[]SO##S /#'%)R+Z*PSTZJHU:)& +U@6Z0>Q^9T70+W1,G_) M9OMLM]LB?J:TB LQE" .D^U_]E)4Q+[K1'00D"_$KAUO^ 5 E-SG6W)#-8- MTVQT*<6&R/QI<,L_F+HQ:J)D[P9YUK"MR'H].A&^!FTBB8L"><$>K0KJ4\$UQ^+];GQ.G:Y&^*XY4UYQD_[U#-[5?7/^_A*3+5 M/%;_VJIL:]FU6^9#]IU*F<^O6C F%%=KWAK]](/;=WZU\7XGLS?TW9*^B[E7 M(^O*;>1XG+7:7^R(:&JADB]$JF'EFD,/(%ANHO8TL:$ZQPSU!+JKA*XZA?7_A?S!7ZW(MJX5;9Q\712\,YC%D7D.E/P MM;(G8-Q'R\P:"'!94[PJY[AX4"GP;F,NE_F<^QLXZ!69B#AEB;U=&R8?7-<4 MM,H^+AY9=A.1B&/(YG,M_:*/B^>7O2F6W&?QDW5>O#Y@ HMEVQOV M^_8UY!11B%91B!X5A2"R" E=U&R7STPGY43 JB(R2 OY6 VL:^6O>.F0O9!K X P7D-O,:X+Z%CY@V>VWG=Y%=]"WYB%4^0C6N4C>E0^*GDG^14,XD>Q2:RLN-VU4%K8 MA!-WX86T%/$91H%93H44&I!)U!B\". MYN\PK9^0<4>'NJZ]ZY[B+1&MXA+%PXWIJF,)N^E:,-Q@T+NP8ITB'=$J'5$\ MUKP7YJ702B18?#A@0@?=]F PM*8'7-J4KXI']*AX-$TT;!W-R4^^RV:[V&N% MQ1UK4BZN:LCI52G)PW/,8Z@A (H%<>G/3[^0.?#6HP3VFYT?G',(A M29DD:Q9EG*2PDS'FO*M[F?,B:A2T>OQ<;-"HE[U;UDP&5-$?=.Q_ 4QT007Q3 MH8F]""-N5KMKPW7?"MG9.T?-7XZ8XV5%`QOLCU2+>^61]AC+R:X,G+@V\;JW-@]G\LJ9W;,GTC_I&PFRVLY+S MDE6*BPI)MKJ:?,+G"Q(;A5;B+\X>U=X8&5=NA;@WDR_YU<0SB%C!,FU,4/AY M8 M6%,82X/BY-3K9?=,H[H]?K/_6.@_W%+%%J+XF^=Z?35))BAG*]H4^IMX M_)UM'0J-O4P4JOV/'K>RW@1EC=*BW"H#@I)7FU_ZM W$G@(.!A3(5H&\5L'? M*OBMHQMDK5O75-/YI12/2!IIL&8&;6Q:;?"&5V89EUK"6PYZ>KX050Z+PG($ M(R4*GE,-D\^TH%7&T-(85NC#CXHV.8N^F/6YPNJU@@6#65FP'XV_($6X+O3ZXVI]#5ELL+#/$Y"""+^ ML.^.+84#/R&=V '08 LTD'.%CFRJT(7EI/[JV$"9^ MD+IA1SO8T2CL[T+3XA4((QMA$J5>U,-HBX6I%X2A&V2\ QD?B2U0EM3/;4S- M3JV1!/0454R[L,86B#2.>T!M&4R2@5@F.YC)*,P_V]4>CF%B?S-*^JOL$/+3 MR TLW0%+QX%!]*CFU1TJ&- =DH;73L7JM(')!N]@,%,7'MP#[1!*2.(&CV. MEKQ7[,WA>& [5#S9EZJ5A?ZT=Q*]BBX+36UX,YJ6ME3?BC+>R M=NAS1Y!XE)3FG[),-, 2J*;/)B<['29VP.,D["^++160D PL2D=K>)S7 *!L MV&@B/K9>OF,[1]C";XN1V(^" 0RJVHAVRI7K)#H'>!C#M@4%Z=] M&G0)1=X ^(X%\3@-'O+),9PVI9$0VTAM,9_X\4!2Q!WUX7'NZZ?%8VAMA'K;NS+W*F\?]OZ+##Z6B5>*.LM=0BNU^+(F=2O7^7$!Q?M$65 M?CYW-CRC)/W+'<\;63OTO6-L,LJ.IDI?,P(9I]%I(_@_++U E7IYRI0SAM#S3:*5A #O*&?C1J23"%OG'JA6D;K\2?0HQ<";OX2()>"G+) M#'2)I"M/R)'R),^YH75(E*9?/.45-. UA\3IA&G7&'&2!'& _:W#)A5[LQP-P MNV*$C! <6=C0^RJXM3WOC$ MPR0D5FP=K7@(Q=5)4*Z2H2,5R(6R;=\!>=B*V;(F?GYI!S=FZSO"/DHTH .'G*TEQ-K$3K MXM*V591 QE1/%)#CG860&=,XE4M;%1)87(JRU'8I[=L9X[D5CLMK,QF.Q4JG M/(>9)&J594S^OH94;":68SU?N./+1)L+=C@NV!+FH_+7+F<29W;C$/(-<<9$3 M"8N)=>5<3AUJ!&7$-PX;M34F)14'(1[-Y$L\L:@A@A0B;2P8_JQA"FEJG)#C M5VUJ-<\TPNWQL_MMF3PF\\ 43$7ZG<+7 *Q.MR,JT;IAF MX5B*#9$F&MW,H*Q-J<9L>&Y>XUQ+O,M1I\.IR&-*1 3'"F1\IAIG%RSE.41 MD+DQ5N1LQB3D.@'-(Y:>D[/[G*UBCI'GY"-Y3VRB$HQ08ULCDW&VH_KYU]7S MW1W/GT/1(QZ]("YU_0[Y=+_\!B*4.Z7<:\MMK$13#K;MP-*:/7:J) M6)!;GF,1.$O)3"A>=MV/JP>E)?;>SZY4*V^_V]LLR$M5L @F%JXX!7(-5OCA MG=.GG[H2_T]FK3)X31F\?>[A#-<22(F-@ T8/5Z0@DFR9ND*NM*NO :EE_G; M6(>T1ZDSMM?;^1R*:H'Z#:A_&FC5AX2M="(D_P-Q%W#E&6RA.+3ZO& ^(K"% M'338P9NPN5*K;N3@%(\IE<'1_7JH:@6Y;"A')Y >52C#E]5RJ/=G7I,9(MZU%"/3J?> MW:>C5QQ#W^][-!B] .X(]'PO"!ROF]>A_W8T>CKQ@::M+8_@[HKL!K>W=F5S M)/K*Y)+GBJ2P0"GM#=!#5J>,;J)%46[4#T+CME\.$SR9@30!>'\AA'Z>F+V_ M.>N%?P%02P,$% @ *(5G62"FO'&-!0 R1D !@ !X;"]W;W)KLCB:=9G MQJ)MH9+HB;23[=?O4K)EF[I6G4TOL:2<>\C#>TD>2J-G67Y3*R$T>!#Z)V\(':S)AK BK$GZEX5D? 7Q$AYDO^N;E/;@>NZ9'(Q%P; M"@X_6S$166:8H!]_[4@'39LF\/AZS_YS)1[$/'$E)C+[FB9Z=3N(!B01"[[) M]&?Y_*O8*1H:OKG,5/67/.^P[H#,-TK+?!<,/"?"?!V =ZE+?B[/_2%H: [@$JZ4VNO!F[*-1^/2OE,2H,&-G-1C7X5#>.5 M%J90'G0)_TTA3H\GLD@@[2(A<*5DEB9]Z>5?WDIWI4<^RD*O%)E!;Q,D?MH='W?$.S!BS;"Q_;#= ML4["!(&^)I[[GC"7^4A_)I>'>YB<_]?Z[#^W? C(87E-#7L7GG>';E4>Q).)E M;8I)W6 IKDE\G,0LB#=JS>?B=@#%4!2QY%8/QCS_0P/T)&]\^R:9]DLUZ(CO) MA-]DPN]B'W\&1E[.5]4T3<06]H&UF<58.FJFH&(RV\EVS (ZC$?.]GB<$51$ M(WJ*FK91E$:^YY["9FU8&-,X:E GFH>-YF&GYE]$ >6759)Y DMDJK0IQZW M5-=NKYGJ490+'!]2W4;Y0WJV$+-$%3DQ107'32B@T[17Z0&R(U\3#) M0;L#@(B?(]*00Z ML:-61P(6AI;X-BB, KO VR :AY$UCK,VBE$_"'#9<2,[_GZNGP0X8;%7KOD+ M7N QDF\W9E8B)QB,QRQ 8]7SJV[(17!Q0YN&ZJ7LP9.YW$KY7NY_5J%]R MV\TS%EB2<92M&$.%KKUX8Z@@.%/=],A_TDZYO\-A*(-DHR(IDC)*A]26B>&\ M5LJF& YR&[5RBP'C((S9&;7LH)9U6R4S<\G\Q$"?5<_Z-$R]LDU[99OUQ7:: ME(-]I9V>;/Q8P!$[2_^!<\\2CM;$G%^W/,WX4R:N8 6Z4CPSJ] 6EN'J3(1F MRVN53&MMF2 @/[*+%,%X]F:#@=BYZCRX1]IM'R>7U67;QL%ZRVRW-T%QL## ; MNPR&@UGINY$M&@'&@1>Z9W0?'"0==L[*_1I$P%80M>*PYUR9UP_IO#;2:;;1 MZ+'SCG9ZTU7/T3[9IKVRS? IB.TW1P>_2;L-[/D5H6FJRZ+A2W&O/-D$[6'P* M:]4G@J+7@5V<2)/TFIZQO?3@>6FWZ46%=U5D>)GT\"+I" J1CC39(?W@?&G4 M.2V_5F_Y1'+%MV#WEX(4F_P)1D$NS Z:PS)=C8>Z>+)V.NU73]8^V::]LLWZ M8CM-W,&[TV[S_MK$HB- #X_T)*O;\@#31?,\;_ E!+ P04 M " HA6=9,G.,(L * #58@ & 'AL+W=O3?GP"$F-L$DG^R4#D];]86X>p_J_I3LRR*- OB\7FV:V]&R;>O M)Y-FOBS6>?.JVA8;]3_W5;W.6_6V_CAIMG61+ _:#UJL)#<-HLL[+S>CN9O^[MM_7=3;5K5^6F>%L'S6ZJSNLO;XI5]7@[(J/G7_Q6?ERVW2\F=S?;_&/QKFC? M;]_6ZMWDB+ (HU\6F*:M-4!?WMZ.?R&L9[0?L+?Y;%H_-R>N@NY0/5?6I>_/+ MXG84=C,J5L6\[2!R]>.AF!:K58>DYO'' 71T]-D-/'W]C"[W%Z\NYD/>%--J M;]RT2Y01\DH6!3W^6[5_E8]_J,X7)#H\.;5JMG_&SP>;-,1-\U;;4^#%8S M6)>);IY_YYT,@3@80=F8 /0R@?0>PPP!F#:#QF0'\,(!; S@_,T K)>;;;F6]:VOUOZ4:U]Y- MJ\U"K9-B$:A73;4J%WFKWKQKU0^UQ-HFJ.[5NVK^:5FM%D7=_"W(_MB5[9?@ MQ?M-OEN4ROIE, [>OYL%+WYX&?P0E)O@]V6U:_+-HKF9M&J.G:?)_#"?-T_S MH6?F\WO5YBM@V-0 ;%JMUVJ=[B<*C)[Y1_^T4->AUGF^"M[FY6*L+F&:;TMX M)MD%K/E\M]ZM]E'\3[LL:A78M=KTRVXW/A3!SVJW!R_^537-2P!<]@>?%??E MO&Q-D(FB_[@&Z'$-T#TJ/X/Z)E_EFWD1Y*T"G;*&/DQH"&E$'M/2-$>J;MK M/=Q%/!2QLGTX9\% T;;GYV-W/E*NV+N?= M+FJZ.T:PVY1M\)U6R4S<\G\Q$"25<_Z-$R]LDU[99OUQ7:: ME(-]I9V>;/Q8P!$[2_^!<\\2CM;$G%^W/,WX4R:N8 6Z4CPSJ] 6EN'J3(1F MRVN53&MMF2 @/[*+%,%X]F:#@=BYZCRX1]IM'R>7U67;QL%ZRVRW-T%QL## ; MNPR&@UGINY$M&@'&@1>Z9W0?'"0==L[*_1I$P%80M>*PYUR9UP_IO#;2:;;1 MZ+'SCG9ZTU7/T3[9IKVRS? IB.TW1P>_2;L-[/D5H6FJRZ+A2W&O/-D$[6'P* M:]4G@J+7@5V<2)/TFIZQO?3@>6FWZ46%=U5D>)GT\"+I" J1CC39(?W@?&G4 M.2V_5F_Y1'+%MV#WEX(4F_P)1D$NS Z:PS)=C8>Z>+)V.NU73]8^V::]LLWZ M8CM-W,&[TV[S_MK$HB- #X_T)*O;\@#31?,\;_ E!+ P04 M " HA6=9,G.,(L * #58@ & 'AL+W=O3?GP"$F-L$DG^R4#D];]86X>p_J_I3LRR*- OB\7FV:V]&R;>O M)Y-FOBS6>?.JVA8;]3_W5;W.6_6V_CAIMG61+ _:#UJL)#<-HLL[+S>CN9O^[MM_7=3;5K5^6F>%L'S6ZJSNLO;XI5]7@[(J/G7_Q6?ERVW2\F=S?;_&/QKFC? M;]_6ZMWDB+ (HU\6F*:M-4!?WMZ.?R&L9[0?L+?Y;%H_-R>N@NY0/5?6I>_/+ MXG84=C,J5L6\[2!R]>.AF!:K58>DYO'' 71T]-D-/'W]C"[W%Z\NYD/>%--J M;]RT2Y01\DH6!3W^6[5_E8]_J,X7)#H\.;5JMG_&SP>;-,1-\U;;4^#%8S M6)>);IY_YYT,@3@80=F8 /0R@?0>PPP!F#:#QF0'\,(!; S@_,T K)>;;;F6]:VOUOZ4:U]Y- MJ\U"K9-B$:A73;4J%WFKWKQKU0^UQ-HFJ.[5NVK^:5FM%D7=_"W(_MB5[9?@ MQ?M-OEN4ROIE, [>OYL%+WYX&?P0E)O@]V6U:_+-HKF9M&J.G:?)_#"?-T_S MH6?F\WO5YBM@V-0 ;%JMUVJ=[B<*C)[Y1_^T4->AUGF^"M[FY6*L+F&:;TMX M)MD%K/E\M]ZM]E'\3[LL:A78M=KTRVXW/A3!SVJW!R_^537-2P!<]@>?%??E MO&Q-D(FB_[@&Z'$-T#TJ/X/Z)E_EFWD1Y*T"G;*&/DQH"&E$'M/2-$>J;MK M/=Q%/!2QLGTX9\% T;;GYV-W/E*NV+N?= M+FJZ.T:PVY1M\)U6R4S<\G\Q$"?5

"0CR'=%@QNQ M)DY059L.U'UO'S.WPC%+FL:3$!H(J<29<<"N![4ETO6V[Y5)!HUF2F5_UJ2@ M> +"9!Y_9#*19)^A;4L**-,B,\% (*/4,-ELCPRST(+<#WDM1[QO?4VV2VCJU,'@.ZKTD'*?
>9L]Q&S3E5G@D3:L/53P9)+M!E@XA_ERKR MI(N(/\^/.:I'A!;'E4R*O8\- !MYJNR0N\05[P &,CL M'G^Q9\&OD+*^R%+2?*FZARG9.MTOT8B0X\-V2P=Z/GD!1[*SDI>I098)S M!B-[:EY#E4J$4=)%
LJY3A<0!'ZX<7^PTW%>J8=CX)A$4L^Q=38-!GD(V"Q& M^<:7=LQ+,#-,.. NW0GN6I5A9Z"@O!C#EGM)JT+FSPS,/L<2:-NNK4A(*""DH8ICP$6'1/R9X0^:O^Q M)GE*>"*667S9\X)I2;G.CRR?
M\U,%@D')'C! NG] @V80-V52I0L4 8)=E.. M*3A98Y9YVBF;AO4#UK<0GEC@QS<22=]J,0NRP6=5'"%"RQU*:]L+B4OQ3V0W MC*0GJ*WH7?
<58'_#,OA:5'LP1J)+>&QPTW2=T722NG&RU<.Q#IG)4@Y%X<1 M0/DB7H[OA,C6[H:3)E>ZWHS))I58967>Q$"C*M]D'BV!@3J-_091>G:@,3L% MV"(S"1R*?7<3*>26)5:@/(\&CF:P(A[?
@W^:&%N*&PH39<$EEB'@F3%V,FN\ MW=+NY+T9[\%+<>P%WLGL52Q8T 2J:/T*& !ZT +\W%G'D+W3]*;_^O]0 M2P,$% @ *(5G64X&7@-5!P &ULI5C;B,W$OT50@&"74"69-E))C.V
=F9R1J+8(U19O=AL0]4 M=TG-N)OLD&QK_/=[JM@W.;)GC'F1^L(JUN74J6)?[)V_#P515)^KTH;+21%C M_78^#UE!E0XS5Y/%FZWSE8ZX];MYJ#WI7(2JN MB:6Q=.=5:*I*^\=K*MW^OH\=9
+EZM4S*4VZJUV5FS-9FV4:VRS#4V M&KM3=ZXTF:%P,8_8CZ7F6:0[.NE>/]/[9_6;L[$(ZKW-*3^4G\/.WMAE9^SU M\D6%:ZIGZFPQ5]\V>B[^P9?4>\5/]=;4+T ,O_CCF<])!T?U\<%
M]#;4.J/+"2HDD'^@R=7WWYW^N'CW@K7GO;7G+VG_QE2]J/NXYNJK5]A(JL; G59 G8U6A'TAMB*R"X;7VL@N*/7,^AS)"/<5" M[EN#:P\5IBYA\HXL>5V6C_R>ZF2A[/;)BKUK-B.HOWW_W9OE: C
0^]=NVX?C0 MA^JH@FN'OU[^PVI]/=@-DUF#;S@$?..=IUY1B8A_M]?N;F;HA'T'K<#*1O[H MUF^=B];!OMR$K'2A0<*5Y24I73 B?/*528*2KRK8"3 M!D7.QRFG GQS&,'T-/$/AFA);(J#H
MB>P39/YH;&HZXM0(OIR%TY_>P:!AJR]LT.6+(Q[XRE-TR(&7IX^DO2+F5_4+ M951MR*NS4V'(LX-4'#-B96V#S3Y*&!7,Y4:G3A1Z\SF2_)XVOF$^ M6+Y))#Q#I72NW+;%/4#S=@0<)@+.MEC
8'TFR!M="AS22(VW?Q[BOQW$7DS2%5M_98F?WWK#(E: />2O[(K'* M (9*1Y;XLRFE"TA<+*DIH(X'+?)!"W1,^C@9^K,R.*6'^:Y(')-E"TU7/4ET M%<5.SA[#-
%@\AOGX='$&H:6:R*BB!GL()(&'ID/E?Z*!P2YE92@5-*4/]2BA&1MF"^T6 M-9?MH/AIHO7Y=X:F!%N$X7NDRSK:^QR'YN@[=0>=O7*Y32?16U#'_2A[.J; MJYQG?R=)J/>ATMV0_.^%E!OBQH!?
805[[#;U>TO@,MX\7W8'G\^D$"%T@XJ7)'I-#E]/HISOW_Q MI@G7X,QXNNR%QY)^Q:#E#?1]98SO7]C!]G?1\A]02P,$% @ *(5G6>X3 M(S*&! :PH ID !X;"]W;W)K&ULO5?;]LV
M$'[/7W%0@Z(#%%N_):>)@21=NP'K$#1)]S#L@9;.%A%)U$@ZKO??[XYR' 5U MLC[MQ2:/=Q^_^XXB[VRC\+V1$2U\:YO.G'NUM?WI=&K*&EMA)JK'CE:62K?" MTE2OIJ;7*"H7U#;3*
BR:2MDY\W/G.U:$_4VC:RPVL-9MVV0F\OL5&;17AZF;"_<_@]<6-& M8^!,%DK=\^37ZMP+F! V6%I&$/3W@%?8- Q$-/[>87K[+3EP/'Y$_^ARIUP6 MPN"5:OZ0E:W/O<*#"I=BW@=O:O,+
[O))&:]4C7&_L!E\D]R#)]G[/#B%_ ^X,*.,O3AXD'(AO,^ MH9-]*Y1Q^'0?V WOSMFS +WK_" M/MFS3UY#__$JO0ISF&0R@8/P1Q<&U)(,O<5V@7I?C:.+5FDK_\$*KI2Q<-?!
M;=*X^2>Z!CP7GK"9AL92WTBD#H7H128R7MB<:&Z%8@*4IJ+N^P+.F_?3I&%5^R M(QKL@I0TR#>1'XT -O"[ZIPT'#$"KD5%C+GGD-V* M&-C'A49U*[<;RX_)'[7+@>7??24"T//?2340-
M']+*M3D&2D4'8>@%]M9])W4Q-!!/[D,;1K?"BJ^.!I<4&DSRU ,]M#;#Q*K> MM1,+9:DY<<.:ND'4[$#K2Z7LXX0WV/>7\W\!4$L#!!0 ("B%9UEX)7RH MI00 #(, 9 >&PO=V]R:W-
H965TB!TH:V40H4DM2\;J_OD/$4=KN]L6 MZ,7BD,#,?Y\WQ:B?5DJ%"&/*UY$)?>5MCJHO1&=;**D>RPH$GA12E=0@J383 M72F0N1,J^20*@MFDI$QXZY7;NU?KE:P-
9P+N%=%U65*UOP$N=U=>Z'4;']EF M:^S&9+VJZ 8>P'RJ[A52DQXE9R4(S:0@"HHK[SJ\N$DLOV/XS&"G#];&6I)* M^62)7_(K+[* 8?,6 2*GV>X!"3*(B2,WAQ;VGL\.*_M_0=TQF7UEA-?
K].M5&8"\< ML[F!3(Y#VH*YT!7-X,K#BM"@GL%;OWT3SH++,PHGO<+).?1_$IKS0-,Q.8%% M'K= "LFQ-)G8$$-3CBYQM@A#F&B*WE5/BA5-#++?RK*B8O_VS2(*YY>:%$Q0 MD3'*"=4:$+-
L+L@-)-2P]SZ[>RT(EG%6*V7OPE)BFE"1XS4YRZ@!A\[A&3B1 MA2,.I+<,%%79=D]]PSC[$^&-Q/(SH+ J)M*MCW@UQ>C4R93C?"C7]T](6F^ M4?N-R:,TE(]NJ=X2^%(S!+-"(\QMV&/=]2?
LDT4ME9OX\"@8DLJM**AO.5%HWO1R'_C)8#.F1<_BA,^-%XL?3\5DVBGGB+Y?A M_Q#3,(G]>1*<"&I[^F^CBAY=QHLA_=U1#>><'4W)D#X=H7CI)\EB0)Z,T"SP
MY_%\0/;Q>7%,$B=^M(A?.6:*J@11[/K)L$&T6'S&&%$EOR&ZE<*6^NN!9 M-B9.ES\3&:]S(.4WT1N3(Q&E"DA58S ROB?8Y_%M(F5M:K2I9< .Y)B:IM3;_N&C"P8):,W+!FDV,$"_ M-&]T6]?6[Q?
C)5UG MZ8)@K:G=LV8=+^R#5#;3$-AIZ$@&C(\-"),#.0X=NG'3*F:CK(5I1KI^MQ^(MKYLY\(6]F::Q0VT8]AX.!8H&X_G4(ZJ94!O"R,I-A:DT.&.ZY1:'>E"6 <\+ M*4U'V OZOPGKOP!02P,$% @ *
(5G60A>T3C# @ 9@8 !D !X;"]W M;W)K&ULK55=;YLP%'W/K[#8M"<4""$TR9)(2;MI MDU8M:O?Q,.W!,9=@U=C,-DW[[W=M*$NE-%*EO8"O?<[QN;[XLC@H?6=* $L> M*B'-
,BBMK>=19%@)%35#58/$E4+IBEH,]3XRM0::>U(EHB2.LZBB7 :KA9_; MZM5"-59P"5M-3%-55#]N0*C#,A@%3Q,W?%]:-Q&M%C7=PRW8[_568Q3U*CFO M0!JN)-%0+(/U:+Y)'=X#?G
XF*,Q<9GLE+ISP>=\&<3.$ A@UBE0?-W#)0CA MA-#>XSZ+=TQ./QD_I'GSOFLJ,&+I7XR7-;+H-I0'(H:"/LC3I\@BZ?B=-C M2AC_)(<6FUX$A#7&]JJHCHX.*R_9-'[IS.",XQ<(24=
(O.]V(^_RBEJZ6FAU M(-JA4C>:X=$6YM1I7.?+L:LV8;B Y'QZPS 8,H3(G7VT)FEPV6H.T MY NG.RZXY6 6D<4]'3-BG?ZFU4]>T)^1:R5M:<@'F4/^G!^AU]YP\F1XDYP5 MO(5Z2,9Q2)(X2<_HC?
L#&'N]\0MZ6_I(=Z)+W)\&%8;\6N^,U?C)_#Z5],:#O(5B]>S/*XO=G_*:]W_2<^G\HV%G]T^ZS(7G=OCT<
MCN'*PUD'%T=PIO":&TM401!#"B6P6W"YGP^PWA:J'?)%=D46,=&N\@!&6;,&16MM9SC$AIX2T;C,)LD M.$CB<#:,#?##T&C#<^INK$%0BUFEX60\(9,PFV6#K58%&-'>D4+. 9ZFFR91D
MV6SP35E&"'"B0&@\O)@'1;5=K ZMJWTEVRF)?\L,2?P2@'0#?"Z7L M4^ VZ\MJ[!02P,$% @ *(5G6344@]R[@ ?P8 !D !X;"]W;W)K M&ULE55-]I $/TK(T?*"6%C2$(20((T57N(&H5^ M'*H>%GO
JZQWG=TQ)/WUG5V#2RM"FP-X/^:]>3/>?1YMC'UT!2+!3D:E) M28WW%EQ=EL*^S%"9S3CJ1;N%![DJR"_DUE5CA'^E+=6Y[%+4LN2]1.&@T6 ME^-HVKN:#7Q\"/@J<>/VQN
K61CSZ"$&H,"///BQQAM4RA.QC*-H&$&.2U$K>C";#[BMY\$S94:Y\ ^; M)K;'P5GMR)1;,"LHI6Z>XGG;ASW ,'D%D&X!:=#=) HJWPD2DY$U&[^FMG\
M()0:T"Q.:O]2YF1Y5S*.)C>F++DYA&AN*P6$*?RNN7"4R'$=\[!W:-4:3TY/>>7)]1."@%3@XQO[/_A]% M']9VT85]5I@2<%L)RP7:MK<=H)!U%08*W]B#IFH) D%9AEVF*$2^@6DSE3- M[Y:!22=I?
N *P=G^"CT]&::]BVL'69/<^>0='[0I9%; <- 9G/<[R=GE&_"P M08L@G:M9@M YL*\XXH'4JRY\XENM%%\'(K0.R, "86V(8^N**18O(4%A5.[W M_TOO&X*!JP#4)$EQ1LYN=),>*NYT*+(+G]\F JQ1M
&^'UB67G+ZK#YY6', M0<9RN%XS6W!%[SFN"X<.8KQG"B7:5; ^GZS6U/A#N]]ZZ[0QE=_AC37?;N2 MVH'")4.3[L59U*3>3&>PO=V]R:W M-H965T\@]]Z?6*V6O",-A7YB>^Z\Y."RW)Z?DKW+O7Y
MJ:JK7);B4C-3%P77MZ]$KG9G4V :WO@HUYL*;YR';24=("-CXTM"<=D?BQN%U2_U7DAUD67(C7JO\3YE5F[-I,F696/$ZKSZJ MW=]%(T^$]%*5&.ID.[LV#*8LK4VEBF8S<%#(TO[G7QL]##8D[I$-
?K/!)[[M M0<3E&U[Q\U.M=DSC:J"&%R0J[0;F9(E&N:HT/)6PKSJ_JE3Z^1>4*V.O50&V M-AS5=7I2 75CZGQ=+4VEP MDW\=$M[2#@_3QM!Y8;8\%6=3B TC](V8GO_T@S=W7]
[#>=AQ'MY'_4E&NI?2 M83Z3&3MV GM7L@]II99"HQG &-5X7 I>WO[T0^]\4O##&IVH_),:,/X=JO5 M#= YM!)I ,T4] W!R"YV7(,Q7[+\!P)OL8 F^@T:4S-@3A3*U9O6:58["S\T'%=U_)H\,F
K[\9E]JB #D- M*H#QLB>V!L^H<+WLV+6+U!8U Z0T4[!0#Q9PE,?@P:+8YNI6^., B95,03,. MRZ0&,%*H)#@H!2* '7#*/EM6Y+(N4.WPZ%&\5QM> 3+2[*C&MV*^!#?*EY
MCAMQ<2Z,L5S*YRQB/[9<\O5:BS6OGBP'9 X#2LEDN>X9*N' AB$R=%&(3)Q M\@*1"EH]YA+,(X$E4P/_I@"' 1[NL,(*B03E= KJ"RY2T=L%3HF+"N,QG: M1*MZO6%OX#PBW38$-
BI;B#9+'GQ'4 MT)^Q"SH#H+EJ=-#@L\,BD,3'OZ?PLA-:#!C"V%O55:T'L7R R7U(T (T#$Y M807V)(74:0JNJ?0Q/GS7"]C;+[6L;@>(A/0<= L..0&QI[,]SWAILY,+6C#TR;&N=;C#:'A4-
0^D;!IS&I^WVG=$L<%D\\^ Z M09)L#(;2 M;S@6/%C%4-%,)0%D4>(&%&DWW9J!C[!ZDN!/CXXHY%5"VQ9\=FNQ2$0 M2$,C.A#?GP56D!G["H"0^ Z]\IKJ$.-C2&V?C02.@=CQW,\?
^YX$#ZZ/Z9- M 'C,L*(D[?>E9%VRNUQ\X4@#7"VO"A3 *%2A [D1=3BI@ONMS16P(? MN-'DH\AM.?0S6_C03@0^Y0?8%(UR!U1S\R!HG_F3Z_+&0G5;%QY&>_#:P'$C MG[:%_O<-ER-
*MA$30Z[SOG? >+.X#9A+H6EF!"IJ&LLC(61%OE-5CP(% 3$& M+2QB%T_;(WQ$SD%+Z;/+JVO3EF[# JVK)>V2MJDD3^3#LUHI5UH5[%>QU .' M\C$6J#EH'-V1(D(S0 AWW(#$-*G_P-B(LA@-
TGS$2NT"]T=G.M# MS-8UBIJ]'74%U\R#];31WR<=ZQ1Q.9)K&!6+*HBQ&7J98@L.3D&7CT M$K-W)F!CAC9<8EEDF40]426^(J8Z%?9:)26J-*VQEV_:VR&>H3+O&!85M'=S M/AO65-
^2#MP(H,;]:[X>CGU]E#]>5(&%3@@(T05(^ T!$AX+D/AN@%#-T4;(M_5$1_M]%Q3\AI/;$"?\W?-4VBVVO;VZO&QAK:U;EB+E!;1AT,A1 M:P@8TL1XFBO3P/XA7IHQ,MO6RQQB4F$GB,O;P]Y=?
N@@%&+P/;!.M-*-W;L? M2#<3=8")IEK#BLCQDOCX!/IXVDNU@RDFX(6 MH!:G!G(E_]IPUR=/UH) NQS,RN5^)MG7^+TV',]P@U$QT=<%?TF(C[0R3KZ' MH]XDP&"?=Y@ #"5!Z 11._O='\
<[U2P$_*<>?BMD^"CVKL>?1_74(T;A0B6 M"Q)CL7#F7OBX<2L>"V&5"I&9)C-!CV@SDS^/A]7!4Y/3T9_8WC:)<+C@8*8$ M*U$'SJK;+<5G7N-A6-,UWEB7O,YD102 D=*2*HW*9<9M-H-
_34V[8@HR'^_G M67@HX#/^X@Y "O!I6T5NFJ]7DP^D=##'WK9>Y1^>&?2S#'!K;NKR7C\!&IU MP2@^Z=?Q%SB?1/]+0KP(G6CA3SX>SL$>N.0<4V$2,QQO)MA#+]S)W79SM OJ
MBS818H71IL(N[]C%W8R>?K'Q/ "UQ&7)8O*)X-P\9*%G. ;PYJ&]")(Q8F= MD)(H7/BQ]"9<529'J'7]'8'1C0@OWT%HKO;O4!R8=^;Z)?;MT]^YWH-+1]DCQ5L=6=Q M-
&7:OM%AOU1J2V]1+%55J8(N-X(##N$">+Y2JFJ_X '=:S7G_P502P,$% M @ *(5G67X/B.&! P %0@ !D !X;"]W;W)K&ULG59M^,V#/Z>7R%XP[!6OP:OW1)@.9VAPW8'8KFMOLP[(-BT[%06_(D
MN>G]^U%RXJ9K&@S[T%JDR$Q"X4TO5,8.BVONZ5\ JY]2\?A0$J=\Q+KSUTNGNU'HI!]-R 7>*Z*'KF/JZ M@58>5E[HG13W?-\8J_ #7RY[M80OF]_Y.H>1/*!7O0&@N!5%0K[S;\&:36'MG M\
>'@SY;$QO)3LH'*.Q:K;S #(62F,1&'X>X1VTK05"&G\?,;WI2.MXOCZA M?W"Q8RP[IN&=;+_PRC0K+_=(!34;6G,O#[,9Z%Q2MEJ]U_SASRMQRBHT/D>(\'.98 _,\/62R4/1%EK1+,+%ZKS1G<
MV*)LC<)=CGYF_0GK_IO4FMR!(MN&*5CZ!G'MKE\>,38C1O0&1D^2F:3=Z+ M"JJ7_C[RF4A%)U*;Z"K@%OHYB0-*HB!*KN#%4Y"QPXO?P'O/E.!B?Q8D^?-V
MIXW". '7I7A'N.0RG.V3&]VS$E8>-H(&]0C>^KMOPC3XZ0K99"*;7$/_CQ6Y MBG&983$GK[']AFE>$B8J4O%V,% 1.6&K1R/MC.Q?R=IR:)FU8)K4LL5^UC>S
MSXT">'$!R"=D\T(SLW6TQ8S)M)I9+]WE\BWYGL0A#18)3:*(!D% MIC&14&SM+#:L,AI&&9.FR4TCO)GGE,Z+B%:$4(TY;:,*X;E)6P- MNK$&X*]"366@VZ'/J;.W
#LOU*234@E'QY6#4HR];J\%PN*VVO M 8I<$:AK="8<5<)PEQ)$FO__N[$ULGP@LK=A:U31,$UI@"4*,RQ:2N.PN*R= MW0.V-2]M2;0#&00W"$$7&&:PB' 5QQE=8(TOZ&;8%^ZA$R7\:(=]93-
S"3"D M61[1/ M(%B6TP.]KS:5AX)^-Z@[4WCU(&LL\"#-.[4D[O7FWXZA_-A\?S(], M[3FFIX4:78-YMO"(&A^A43"R=X-_)PT^(V[9X+L-RAK@?BVE.0GV@.F7P/H? M4$L#!!0 ("B%9UF"W(7XZP, (<)
9 >&PO=V]R:W-H965T%]= MQK'+"BR%&Y@*-4E6QI;"TZ==QZZR*/*@5*HX39*SN!121XM9V+NSBYFIO9(: M[RRXNBR%W5ZC,IMY-(QV&U_DNO"\$2]FE5CC/?K?JSM+7W%G)9-!HNK
M>70UO+P>_EPX ^)&[>W!F:R-.:!/WJ"U"@%!AYMF"H+_O>(-*L2&"\:VU M%74N67%_O;/^*7 G+DOA\,:H/V7NBWDTC2#'E:B5_V(V/V/+9\+V,J-<^(5- M5.VRH2@E+KY%X]M'/84ILD!A;152
/NQE% ^5%XL9A9LP'+I\D: M+P+5H$W@I.:DW'M+4DEZ?O$9B9*;Q9YL\4Z$\HH)W:+]CM'C_;GB6?#@"'<-P!'^S?B3RQ_6&RO[0'B \/# ^"'BW0 F^G$0X'0; MD)F2/&6-NUQXA
U! _%7HFIH?AB'1*0B=@W^F9VOM>,N:>EW 1R0#2[0P:A3. MX*6;W% @M %/#K6G*00<#5-QS[M TZ+&C5! 2WSTS3QIK*R,HJ'$X2&VR#P) MC9)B*97TDNP*2W@P,Y9J'&B&^*> OW\W38?
G'QR[=49)9IC3@% 0KZT)I2VS<9&ZVVKTOK M %?8H W2)MCN&'?D6X3AD#SHGM#?A(43F(ZFO5 T\FD]]5X2FCCN&,R[$\O MIKW/Z"AOI:DI$A9#W^H
4Y:5DI0BJ3TA8X[-0%2QIHYBSQGWXHOURPM1OW]7.U5[0O' M&35X2 !Y/4NA3R=5(_>FF0B'9H8;O$*H:3;]CP#'T\E__C66([W+L<2[3H\ M ;AMJ4*:>[+;[5X95\WE^G2\>:+<"KN6-
%44KD@U&9Q/(K#-M=]\>%.%JW9I M/%W<85G02PDM'R#YRAB_^V 'W=MK\0]02P,$% @ *(5G6?GJWAJ? @ M+08 !D !X;"]W;W)K&ULK57;MLP#/T5PAOV M5,2.DZ:7)0%ZV;
]%"C:;GL8]#8C"U4%T^BFW1?/TI.O Q(4PS80Q**XCD\ M-$UFNK+NT=>(!&NMC)X-5%SGJ:^]%$+/[-&KY96J<%\=%5J6\+U'9U2P9)EO'G:QJ"HYT/FU$A?=(M7Y\QZ>T9RFE1N.E-
>!P.4LNAN>7XQ ?[Y*7/D=&T(E"VL?P^%S.4NR(@5 M%A08!/\\X14J%8A8QL\-9]*G#,!=>\O^,=;.M2R$QRNKOLF2ZEERFD")2]$J MNK.K3[BIYSCP%5;Y^ VK+G8T2J!H/5F] ;,"+4WW*]:;Y[
#.,U> .0;0!YU M=XFBRFM!8CYU=@4N1#-;,&*I$[WC0^ROMN,P>C@P2[A+>3Y!(0IHS4$GG<@AE/M$$%W;<;09N F$>H%NKY3$B6@^+M)$P1Z[5M M5>]+4K9\;:'E,!>
(*-14"5=*4X$D#V(AE61O"'(V?V%8$.@?A=>="O@3WBW2&^$JZ3QH'#T&QPxULK5AM]O(M$?XK"UT1.(BV8I]E\8O@.,TEP.:PHBOUP]%/RS)D;CG)9?974K6 ?H^,[ND M)-LQT$._V"*Y_[,,T-
>;)R_#S515 ^-;S^?A[*F1H>9ZZC%DZ7S MC8ZX]*MYZ#SI20H:.U\<' \X;[1I)U<71D,MSX:E9UY!OSJXM.K^B.XC^[6X^K^:BE,@V8UP;A6>5I>3JYVG#WGXY?-R
MX#=#F[#W6W$DA7/W?/%+=3DY9H?(4AE9@\;_-=V0M:P(;GS+.B>C21;<_SUH M_R2Q(Y9"![IQ]E^FBO7EY-U$5;34O8U?W>8SY7C.6%_I;)"_:I/.GBTFJNQ# M=$T6A@>-:=-__9#SL"?P[O@[
HLLL!"_DR'Q\J..^NK"NXWR?!K:^(>$*M)P MSK1FV4C>NC:9=45L:"A?S"!-\<%YF=1^2NL5W MU/U5?8&".JB_M155A_)SN#;ZMQC\'[!X4>$==3/UJGBJ%L>+TQ?TO1WC?2OZ
MWOZ9>-5'$TKK0N]) ?NZ"-$#-/]Y+@O)R.GS1KB1WH=.EW0Y0:<$\FN:7+WZ MX>3'X_,70C@=0SA]2?O_7K*7U9TL9NKEK/S=E.A"4MO?GBW6!R??R%?WC]5+T]/SE^C
M%6*MOMQ]A#UH;#7WL;;JYZ;X/(6?2B^7QAH=2;FE2LI>Z:8[AR=3R)2S0TNC M7G"9.%S1&JS4LF,#&K'_*!$]D2193&\Y49='()A8^!4@3CI M6V^X8V$(^G(]&F,)\Z>EP4: 47ACN$9E;5", 9Q#
(0\:RM.JMQK-L)4D<[K# M&YZ@U4XU KW.42)!VV? MMRLNE@"^!FY5P'4R6)F521AN3/4F$H"I.EB"\UA'X-FO.U^XE"< G8=L?3NF MW0'+*^GDD/PMA3II[AG@T4G%9)
!R\,G(O)8;0*3Q(Z>D(T$:39Z06@-_8""K M3<,G1@ZM#EHE'>#80@_XY8@EV4<&IC2'8US%*K9H(91MR9ZPP:7QL+B#NR2. M#QZH0DGENG2(QF\/4@* ;86 F,GH)082_",O:VH-1@HE&'5PS:N--
Q&Q -UH M DH&DF^=XQC9M1T0X0 ;T0W[P[^19W-COF %2YUO:T8T*A.;A*7)"10F!X MR_? J.JV!H;46V02'5W"5O1L\4DS@<++WGM(6]3> G!(^VPW)R/_#-@$N1J? MB
X2!1LRK<9\".=K3@F+Z*%[_" M3%6I%X2!!QZ'S;YAI48H\\$T??3,@0EZC'!+LRY:<4 M3Y:]C%&PP4#H,JT26/G2FGNRIG8)G(*Q/0,M&:9*#J20.K9 "B!@&KYBJQD M8*)RTD2 /EX^0MH]AH3$;9=
(@3WGG2ZDA.\"055S]@_*#ATFV]JB*8'8GC/A MA7[T"KI#[L*0^"76QE?#*4&S#)7!*C"/5Q\CUJQTC1M)X3'3%)@,&Y0OC=Q5\+T&V*=WT0&4O5<:\0V/YD"8=]^Q.1N;>>"()-IUU6V+< M<-
=BNRJP8J5XO6'F5!DLD,7DDSB8_6K3)5SO^3A-/+2+_T_%,E3QP,]=[X3_ MBZ.9-.$M0 SPE()8B/^BS/B9;?VWDD8VT67BJPVF+I2.N53.+UN#OQ M?
(%SC?.441.8(Z/0R88\Y5T4J&/].H_G(=N/T(3E;4UBM8\8/K1?.ZU^[ZM5 M8GC.1HR6AG>0+3B^9Y2Q:9)A-&@B;*XE^_EL#3+E#A%BT46^M5\>[X6>HZ?8W9'4_?M+YH MC]TS*$M+B![/?
CJ;I%>GX2*Z3K[-%"Y&U\C/FK"X>SZ YTN'?.<+-C!^K+OZ M+U!+ P04 " HA6=9V%,^C1D# !]!P &0 'AL+W=O5<_5E'-NB M0LGL0->H:&6AC62.3+.,;6V0E0$D19PER5DL&5?19!3F[LQDI!LGN,
([[:1 MDKG%(5>CZ,TVD[<\V7E_$0\&=5LB3-TG^L[0U;4T M]_[!X0O'M=T9@\]DKO6#-V[+<91X02BP<)Z!T6^%-RB$)R(9/SK,J_I@;OC M+?O[D#OE,F<6;
[3XRDM7C:.+*$I[W^@%T^IYZOT,*&+ZQ;WR%%+!KK MM.S 9$NNVC][/9A!W"1[%D'2 +NMM 0>5;YMAD9/0:C//* M'\K,&5KEA'.3?E<<
=W@JE1[(C1S\=%AYZVZ&P/^@U\U,I5%MZI$LNG^)B4 M]'*RK9QI=!!PAO4 ALD)9$F6'^ ;]ND-]]P#]\].FZ0+I&#+E,+WZ[GUAFZ M#M^?2[CERY_G\R5R:6M6X#BB&K!H5AA-7AVE9\G5
;5YKS8_Q/[/PSB(?EY; M.AS +BU\JA!NM*R9VKPZNLC2\ROK;S%QE5#081H^;T*JU-Z[H7,U,.M**$ 2 MXX??H!?@B.56.32*";C'%:K&'TY8(QYXU2ZXZ7Q\SS*17KEX_A<92 Z #8,IQ M)L0&Z
,H:Z$WB!;6E0;IFQ'==2X;"=09@*D2?#Z\0&H$/YKN2.T /@=]7@UI MD78K;2?X29CH,B9TH4UIJ8)<47&U?)*RA:8&IR&'EUNBFAG'"TY8U^\6"K[D M$B3#A?][&PO=V]R:W-
H965T6KWP&@KK0/$D(:J;< +Q LWN2;6'#O8UW7E MTW-VVJR3NJ*]:>WX[N?_WSE?1BMC[UV-2/#8*.W&44W4GB>)*VILA(M-BYI7
M%L8V@GAJ]\2U%D49DAJ5Y&EZDC1"ZF@R"L]F=C(R2U)2X\R"6S:-L.LI*K,: M1UFT?7 CJYK\@V0R:D6%MTC?VYGE6=)32MF@=M)HL+@81Q?9^73HXT/ #XDK MMS,&[V1NS+V?
7)7C*/6"4&%!GB#X[P$O42D/8AE_-LRHW](G[HZW], !.WN9 M"X>71OV4)=7CZ"R$A=BJ>C&K+[@QL^QYQ5&N? +JRYVP,'%TI%I-LFLH)&Z M^Q>/FW/823A+7TC(-PEYT-
UM%%1^%"0F(VM68'TTT_P@6 W9+$YJ_U)NR?*J MY#R:W* 2A"7,A*4UW%FAG0CGY48),=]')<6&->U8^0NL]W!M--4./ND2R^?Y M">OJQ>5;<=/\(/ 6VQ@&Z1'D:3X\P!OT9@>!-WBU6?
AU,7=D>?9[G^\..R/ M]??FW+6BP'$%\.A?']*_\@T=9F7#& XYCJ7N@1642^EL252C4(#3R6',@Q9(U2S)ZOP6@$LP!) M#DII^0X:Z^*PPQ.@M>9IENB
FXL'":V70O%=)^XF:'W^6\BR%.)GTIAF*BW_ M\D;XR-W)(4@-Y-&-63(WY.6GS"MY<)8%/HJB]BL^CFJ6$)8U;P2-+UMHT4I3 M.K;#U0M<>X3-G%5L"S#$\V!PQ IX_[2^F=
[@2KA=W^R787K3V@*":GYE3UAO^26K!SQREK<8[RO<9*?--&BK MT$P="^$S[SI._[3OUQ=+FWH*[YK]M;"5Y(I3N.#4-#X]CL!V#;2;D&E#TYH; MXA88AC5_<]#Z %Y?&$/;B=^@_XI-
_@%02P,$% @ *(5G61D'OF>N!P M+Q< ! D !X;"]W;W)K&ULK5A=;QNW$OTKA H4 M+2!;LNPD3F(;D-WD7N.BJ!'5]SX4?:!V*2WK77)+3J@G^[9H%^F%U=E'*K5BK3)XE(U496>?
AD=_]6M3^O2%]B<\]_Q2ZN?74V$4GE@RUJ M85A0:!/_R\]U"H"Y_,# HM:8,%VQXW8RJ]DD0%<7SNZ$H]701@_L*D0^,&TH M*:O@\%5#+ERM8C*$W8B5WAJJT8DT02R3Q%8F:+,5=S;7B59>_-
_7@Q"]B: M%,R2>IOKN,WBP#9OQ<_6A,R+#R95Z;[\#":W=B\:NZ\7HPI7JCP6I_.I6,P7 M9R/Z3MLXG+*^TP/ZAAS^;;GVP0$WOP\Y'/6=#>NC6GKG2YFHRPF*Q2OWJ"97 MWW]W\GK^?
L3:L];:LS'M5]?2:T\YNR/=)DA"^)"1?T.-^#53HC*R2G50J= F M**<+D5ADSGC\@B>/$*62/F^TD2;1,A<>X@KE&EAC@)(;6Y32/$%%DE=(N\B4 M4]J(3#XJL5;*"(2FE(YW07TFUJ50IE "
(>/W.B.E@PI=YLC)5AGE9)X_T7=5 M1@MYMWO#]][(#(#U^^ _%XOY^W\MEW?\>/+^1R&JV$!G*])+.L1,*EWJ877* M5<"Q:-0L5S>-ENFPV!U) >D)W+?;UN'XV(9J4,&UQ]6_N-R==W9#9-
)@ZLH M!/3FU+;*V<0VVJL/\?B1KD)H:#D:^9^+!^8VTP%O:EVB>Y]142+@PMH5"V M"8+D8$+'\D01[J6TPXEUPA8Z,$J<+6 DP 9%UH4II0)OI7+UBO43^D*2D1?#
M;AYSU%R*H.5/4_+8]V'Z$GCZS%8YMD1 T<;()\C\49G8))BI'QR=OWL.@ M;JLO;-#DBR+NZF$(AX4/ZE$%6OEQ.D),JGI7BJ&C%@:4V&S M3QQ& 7.I-XF3^=% 8$H.N=9\BB1]5VM7$<,OSB-
9'H_PSZN6?UZ-$L=]&_?; MFAXZ<-]VT!MBI']$,7,4 9W5T(/]KF3-2XX CN5A61!LQZG7_8#@=4K'/ M:YB&7%UWE&6RP*F,AA04 K+MVD.F5.*%QDX*8K8_V+>_VH"+R0$O, 6# ?) M0V;S5#E?

T2H/RL=GK[=B ;"7V5((GTF-ICO.N]?M)T MW2U?'R@ PV6VD O ML;%RO"P4#6R@&W94AL"&SPLI,&(2DNF-(K23"E G4*F M?V!&8]&IV&4:#%97,,P LT:*A4A2.48FF?QV(OQ$H_$ JOQ4",>F-G?M6?5&'8ZIMPZFYI:7< MPX$..-WH!0N#]=7G$ODC\G[&R)2@YY2,"&(5C3&6B+Q%(T*H;3I&IJ];,GT] MSGF>;?S@@RYH=AEBS9=IX%C&>HATB8^#:(^MCVB52*-KYXYHA$:$#O<4NT(^ M('KM+I0[Z7&<*R.60B91%9L-%0?76T%33M/SNY[VDEXMVVG-/V-\;JX1-LV@ M2-VTID.+";GBB,_.K2%G]M9Q5SJB5" Z.QIMGRFJ MV0=^YH@,XD,'YR.[.:HHQ=ZK.NWQ:Z[E6N>\60T&8 #,(#]3W&XR:;:*@=S# MI:.@'T[#882Z6*[W%B/&PF=32:\4ZZ&1!C%?VFK>@WH_5XUYU7X.]-" (#(]'? M5L;@?TDU-3@)]?A4U0U\&904=YE$LTI4%:A4D+5;DQRW!+_#0$} '2%"U/ZK MM=>I1N>:#LJ"I1N$P&*'\F=[,<.C9S*#UH7<$XB?H>2,ZIZ M.#E?O9_XR.=637QC^3_-;+O]JXD] :(>';7B1,NG?ASDNQ[BZ^,^*#2P_-JF M6M6MHW]G(E-;!E^/=3S.QGX$Q8H[+$TV5.G['3"U?*YO>U"GF!76#.R: -2F M^O82@LO04A-\BL]2$*I>8A7);OJJE?1#I M>)_9_MK>!B_C)6BW/%XE_RS=5J,AYVH#T?GQ&QPZ7R>C2_!EGPENK8AV((? M,R71FVD!OM-U2?-"&[1WY%?_!U!+ P04 " HA6=9NDU&DFL# "V!P M&0 'AL+W=OZD>]!;1P/>VZ?3^QH9RU5*PR):A/H7J&HG%/; M!)RQ-&A%W7F+F=/=]L5,[DQ3=MB0.:5JBG*VSD?NZ%WK/B:[W9&JL(%K> m;'"%YKZ_520%(TI5M)CI6G:@<#WWEN'E56SMG<&W&O?Z: TVDT+*!RO\6LT] M9@EA@Z6Q"()^CWB-36.!B,9?!TQO#&D=C]?/Z)]<[I1+(31>R^;WNC+;N9=[M4.%:[!KS5>Y_P4,^B<4K9:/=%_:#;9QY4.ZTD>W!F1BT=3?\Q?=#'8X<1.YNK--61E%NS7YF<47H1[0B*)! M6&&Y4[6I4\5P+O!PAREZL/R4=2-3?>*L" 'Y_&MY?H4O>BQ+E'MT2C>D1O\>Y-F+ /(K["/1 ;Q:^B+ M%5W*:D<4Y1I.MNX4X5:AN!:F^P+5"-#9@L6ZE,_3=6<"VU@?N.)D'C MY,\T ?2QXC>I-9VE3Z)6)$'TT.YR<9#RY7\$=..>F=>@)9-/5&V/NJX2V$//?C M^+R>KA-'WW9NB?""}1^9)[.=Y3.@AV4=DGR0^8WQR+=L655F+!GK14SW"U,\8 M&:8C)ZOAC"Q5+Y4P"(7L*DWJT$\(,N+9 =)JIBR?W$E#<&\ARB/"FM(JC6VJ M9Y"1E=7'?I2PR="*&RP/G0A=)Z+_N1-4B)RRI56<.)(\Z'M80+3E'P3VPJG2=G/M8VF?IR&%,A&L6PBCC_J;0!\U,J;)K8WG*R(T4696-A MXRCV668Y1YPYSF$XD+8[/(_@U(4,CF8I\=JX%T-#*7>=&<;JJ!T?I>4PBW^8 M#R\;%?EC.]'@FES9199XH(978AX*]UD+J2A.>^66WI845D#*VE]+:9X%&V!\ MJA?_ %!+ P04 " HA6=91^?&W$# Z"0 &0 'AL+W=O M>94QS740Z**"FNHKV8# G:54-34HJE6@&P6T=$8U#^(P' 4U9<*;3]W:DYI/ M96LX$_"DB&[KFJKM'7"YF7F1MU]X9JO*V(5@/FWH"A9@/C=/"J6@1RE9#4(S M*8B"Y[M(:\SWZ@^..7'*]X5[RWUEIJIF7>:2$)6VY>9:;7V#'9VCQ"LFU M^Y)-ISM&CT6KC:QWQBC73'0C_;;+PX%!%IXQB'<&L8N[<^2B_$0-G4^5W!!E MM1'-3AQ59XW!,6&+LC *=QG:F?D#98I\H;P%\@A4MPHPXT:3[U]HSD' , T, M>K&Z0%#O.L0XS.($_(HA:DT^4F44+ZW#S"Z/L1X'^)=?!%P LJ)PTO^F7(GI@LN+6M-_KC-M5'XE_QYBG,'F9Z&M)USK1M:P,S#UM"@ MUN#-/WZ(1N'-A8#3/N#T$OI\@9U8MAR(7)')J@H&.7D5FO 0NVJ5A)JR $S M_.&?H6B58F)%[JAF^A2KBWY/LWJI@"PEQV:VR,;])<1M"T.8Z(X)UV\YG@'$ MH/J]K!LJMA_9'$TOM%DV7.@'8?Z@,/2#0 M.:R!V]18X<"Z8J"H*JHM:0WC["^$-Q(;UH#"/@(\AHKJ0%]?#[UM4(/_C- M^8E(-\:[,2$OTE ^N*>Z(O"U90AFC0;8!+#%3E6O>+(N6U%]\AV9A/XHC7#B MR'D_A('+A_[,><%]^8O1-6PZ$?AO&1.,!ZUZ!< M@1O:@'H+:N2/X_!(1'752&7+F4N;IK?MR)^$V;$\<D_3&:2I7XR#-\E,QVG M_F02_0\UC=+$'Z?AF:+N=0]K53&CDR0[EO]U5:-QYN,A="R?KU R\=,T.Q+/ M5F@4^N-D?"3V]7E+3)JD?IPE[Q(SQ%#"."&GSL?@X#[#.%?NUM:DD*TPW=76MK_8/@]ON/GQ3[UX5F/<5PXQR6*)I>#4>>D1U-W4G&-FXVS&7!N]:-ZWP<0/* M*N#^4DJS%ZR#_KDT_QM02P,$% @ *(5G63YF."G1 @ 208 !D !X M;"]W;W)K&ULE551]HP$'[G5UC9-&U2U(20I, M"=I-F[1JJ'3;P[0'DUR(5T_WYG)V14HDA](3[(ON^^\.F\V5ZJ>UT" M&/)8<:'G7FE,/0T"G95047TA:Q!X4DA548.FV@6Z5D!S!ZIX$(5A&E24"6\Q MT/OL"+=J6Q&\%B5M,=;,#\J-<*K:!GMR5D%0C,IB()B[BV'TU5L_9W#3P9[?;0F-I.ME/?6^)K/O= * @Z9L0P4/P]P M!9Q;(I3QM^/T^I 6>+P^L']VN6,N6ZKA2O)?+#?EW!M[()>"-MSC@#C\ 5 U $B[L-Y%1>4T,7M,R7W1%EO9+,+EZI#HS@F;%$V1N$I0YQ9+-,-9"33X]89@V:4)&3[Z8$1:X: MI4 8\HW1+>/,,#Q]?T>W'/2'66 PN*4(LB[0]@T4O1!H0FZD,*4FGT0.^7-\ M@*)[Y=%!^2HZ2[B!^H*,0I]$812?X1OU-S%R?*,7^-;TR>7F;L!="^6: .%YN MM5'X=OZ<2KEEC$\SVGZ:ZIIF,/>P832H!_6[]X,T_#C&;UQKS<^Q[[88'_F M#0IG&>6MM)SA$0IX2X8C/TTB?$2A/YE,!EARA3(!.&CRDK[L3E#3VTV%B)5WZHS0FIQY&<-3> M%:B=&V+V0AMAVD[O=_LYN6S'PW_W=LC>4+5C0A,.!4+#B\O$(ZH=7*UA9.V& MQ58:'#UN6>*L!V4=\+R0TAP,&Z#_]UC\ U!+ P04 " HA6=9QZ>388X% M "2$@ &0 'AL+W=OO M(-RA: '5)JGO-#'@9%G786V#)FT?ACTP$FT+E425I.QDOWZ7E"([BZ)E6;8^ MQ*%(WL-[><^AKGBX%?*K6G.NT5595.IHLM:Z/IC-5+KF)5-34?,*1I9"EDS# MHUS-5"TYRZQ16\X*DV$ $<^+)+PJ#!'Y\ZT G_9K&<+]]@_Z3 M#1Z"N62*GXCB2YI[!=$DGJ",+UE3Z(]B^S/O @H,7BH*97_1MIT;)1.4-DJ+ MLC,&#\$]\:O^SJVXC]@QB?(\![0SL1LS:A:R7/S+-YH=2;)$TLP'--&RHUAJ< MRRN3E7,M830'.ST_UR+]^LK$E:$344*R%;/;]>*"7191Q M"TGO@4S0.U'IM4*G5<:SV_8S<* WD=[X>$Q' <]Y/44>=A'%U! !_J8/8OG MW8>W9I* .KX;\T)*5JTXD$ZCRVNT/^^,7=ONQ9;)#/WV*T"BMYJ7ZO>A#6K7 M]X?7-T([4+5+^=$$E*2XW/#)_/DS$N+7(}'Y?73^&/K\O-47$DMDDXL^U"8X MA19& +F^'G)X%'+8X8LU1TM1@*SS:H6T84NG[?P/KI"R:XMZISU8&@PDTF!8 MF?TK6YIPO0Q,$28;MO.2RS_34>=_8#HCDBU473.L;B]5*\A73W/G0:*59E1DW MF$:_L*HQ\9,6!9'(Q?#GD03]@$@P]3"*I@3:@8MC[+R!E!L\SZ7$(RS4WNGS^+*:&O8:!K.2>L2N$@@;$7*/3=&&/TTJ#'4QK]U9^[@<&/ M2\+0Q:%UR9L&!(73&-K0EP3.9ZZ,1P"!^%4-QQ<\:(VT/T@#8JFZUA+.+# M?F&7'H'!"J),J$"21R5H5FB28125?FW?;AJ-"*(6V#(94)RAUX%RL)>>W#E+TWFAF MO\?I<\SW=*9-!{:.$F@%Q>6)RZE$WCGW3\-T@HX;="(C#$U M[)D:CC,5B]"L :D\@*I#*Y!Q%?R0Y-G\>]'SAE=\<(BL P*E1Q(Q4S%!>>&YR?P M&\,)3!(WQ,2<5]3S_Z=D1WVRH]%[^F@%=$GP^BAM([B//+U'O=>QM^Y>(G_M@^B2/KKDH:^&AZ=C%'+88?LY8J1D#O.^.I&\8-W+5@X?BO^Z?EELO":KORU: M@.9 [(!$MAH)D[Y,(2ZAH4MP6Z@ +1;<)OD%RBAD9MXU)8B8!3<*E- .:'G MW8Q1YU.U::L"98BB[BLLW(!Z+@ZH-?/IF,X(WGUSX-$LWWV%/#S9X]"/I"?9 M^UPBWUE^G0-/"'#=!4B?7H'CF(_Z?KA/F/4=[GQG]4;4=Q/[*H+/"G]/J# @ M.79)>%,J&.?$W?"J93XD8QE'76#?C$B09U.MN[)BBY7-G+$*@F1%/I]L:@ M[^TO7!;M-<-N>GM;\X[)50[V<&78(JG$93ALKT :1^TJ.VEPZ706I2VN>8L MX]),@/&E$/KFP2S07T/-_P102P,$% @ *(5G69%7"O>W P ZP@ !D M !X;"]W;W)K&ULG5;?;]LV$'[W7T&HP] G/73MDIW9!N(TQ0:L11!GZ\.P!UHZ640D42.I/WO=Z1DQ6Y4H]B#+=Z)] &[XT>> ME@NJ](*K]:FHH$:W^'1"5DRC*?>N:B2PS 95I1MX M7NQ6C-?.>FE]]W*]%*TN>0WWDJBVJIC\NH%2'%:.[QP=#WQ?:..PU\N&[6$+ M^L_F7J+E#B@9KZ'6Q1-$0KYR;OSKS7<+ M698?F&;KI10'(LUL1#,#FZJ-1G*\-INRU1+?I0$7A!=P N';$.+%WX'[X()FM?[TVS_OMDI+5$<_XSEV\%%XW#FP%RK MAJ6P@2^GK;G1,B$U1GYP,M60T;> M9C)&_("KZA9CPI'U 91E:V/^:6L3-N2F1E,D5R4>)35]>2QD !G6TX^XQ)G MGHG9.;-](1E&$R.ZTHCN)_*>A#[U9SZYZHR0^E'0&WX8T?E@+6*:+-"8?+$G MS7!Y!HD7!TE%5>$!MWP5P9M':4P*\Z#FP'Z3XCRB41!0S /(/*3A8D&3>&&\ M_F).?3^QWB2B83[.Y3F48PS1D/.F8=+S]*:1=TQ@&K_9A<75#%;%#%[$=5 M<5-K;DG@O4:VD+:2:XX5N'M)R];L1BY%16Y%U;2:V3L0@]X>^#'A7.0PKOO' M GII8.6/FW$ E ^<\=&%W;%33L95OZDUHDG[EN=F9+71EY5)R^P@L,;0D.U MPYCC-6$G&IE1;!JJ 7OMEU\IR5J$$N>+95@S9&M\N"X7F3(*1Y-+ GF.P82C MZZ30T_\O^ZT6Z1,1C4E;H8OZ<4P5)^?H!YC&OJ+<>_D ?".XJE1F[(@;-'B'3G[3-;#7Z=UGP"&PO=V]R:W-H965T\[M)!7%:6VA%XOD<-Z\QQER/-DI_=5L 2SY+K@TTVAK;74=QZ;8@J#F0E4@T;)6 M6E"+4[V)3:6!EMY)\A+DG$L*)/1;.+7'O1LHFK+F80'34PM!-7[!7"UFT:# MZ'GAD6VVUBW$ITE%-[$^Z5ZT#B+6Y22"9[&*4DTK*?1?'"]R-Q^O%O!CMS M,"9.R4JIKV[R5SF-$D<(.!36(5#\?(,;X-F!(8W_&\RH#>D<#\?/Z+=>.VI9 M40,WBO #2KN=1GE$2EC3FMM'M?L3&CV>8*&X\;]D%_:.DX@4M;%*-,[(0# 9 MOO1[F2LK0:K0S] M[.P.4)(A[Y[HBH-Y/XDM@CI37#0 BP"0G@"X(O=*VJTA?\@2RM?^,9)I&:7/ MC!9I)^ 2J@LR3/HD3=)1!]ZP53CT>,-NA?_.5\9J+(+_CFD,$*/C$.YB7)N* M%C"-L/(-Z&\0S=Z^&8R3#QT$1RW!41?Z,!GN U%K,C<&K"%4EN2.TI7CS#+D M_@B%TGBZ!,MX03F5!9"E2_DQ*9W!CDMYV@)9*XX7E,D-H2\D^ $)J@%OX0L1 MBTXW2E14[M^^R=/!Y0=#"B6-XJRD%O>L&J;A<:'&"<3D6A KT&V&+WKS7RT] M9^GY%^)55TONDY'EQPC[H)Z., M="0M:Y.6[2;FM;X]G<,\E$+<@#W>.CA0=8XX70Y,%FEIWKJ$0CZ6L,]3Q ME#5!11.T>AW4Y29-LQ"R3YK3X/NC25,2#:JE&8[L5+K(#K2WAGHQ7>D#UQ0< M';1[WS/\9,Z8D7R8N\&8Y%G6>U*6\B9PJV30SZ_RWAT8+#VA:DRF!J]?>II, M5)QAE3%ID9&Q9#Q\A?.2?/PTK]L#_WRGNH-DP8)K-$UN;C$*M^A!X6)595_M]U?*8A?QPRVV;=!N]K72MGGB0O0 A&8 .0!02P,$% @ *(5G62TC%<($ M! Q(!D !X;"]W;W)K&ULK9A=CZ,V%(;_ MBD5'U:[4AL]DDFD2:29TM5-UMJ.-=GM1]<*!U@#F+5-,JWVO]<&0B E:+/R M36(;G]?'#\<'V\L#92\\ 1#H-4MSOO(2(8H[T^1! AGF$UI +I]$E&58R"]+ M35XPP&%EE*6F8UDS,\,D-];+JNV9K9>T%"G)X9DA7F899O\\0$H/*\,VC@T? M29P(U6"NEP6.80OB4_',9,UL54*20^[2]#JL=G @?>*2,U ME1VE+ZKR&*X,2WD$*01"26#YMX<-I*E2DGY\:42-=DQEV"T?U=]5DY>3V6$. M&YK^24*1K(RY@4*(<)F*C_3P'IH)395>0%->_:)#W?=V:J"@Y()FC;'T("-Y M_8]?&Q = W=^P^8. V!NZY@7!P&L,O(1,/96*@X\%7B\9/2"F M>DLU5:A@5M9R^B17[WTKF'Q*I)U8_\%BG)-_8BX>C7/(2P;V]* MUUO_G:/_#\ZHX!:*"7*MGY!C.1[ZM/71FYNWZ%FZ#;G@B">8P9"?FW%9'P(I M:U>R[F45?USE]VWSME'YT8F[;8OS:UTW6]Y:7_]+I^B1P$9_WOHA=12WK"4 M2BMWO, !K R9-SBP/1CK'W^P9]8O0]1TBOF:Q'H(O1:A-Z:^_E!F.V"(1J@X MQ@&DC*8IA"K"10+H_>8S"J0=">1J$(S(WZ]M9 V1KD><5B,J?+M?.[?3I;GO M ASUZEJ FL1Z *.TXJ@:Y3?D1::,70J(0U R MF522WPW0]SJG@18=;M[!VY; [2B!K8P4CPRVV;=!N]K72MGGB0O0 A&8 .0!02P,$% @ *(5G62TC%<($ M! Q(!D !X;"]W;W)K&ULK9A=CZ,V%(;_ MBD5'U:[4AL]DDFD2:29TM5-UMJ.-=GM1]<*! U@#F+5-,JWVO]<&0B E:+/R M36(;G]?'#\<'V\L#92\\ 1#H-4MSOO(2(8H[T^1! AGF$UI +I]$E&58R"]+ M35XPP&%EE*6F8UDS,\,D-];+JNV9K9>T%"G)X9DA7F899O\\0$H/*\,VC@T? M29P(U6"NEP6.80OB4_',9,UL54*20^[2]#JL=G @?>*2,U ME1VE+ZKR&*X,2WD$*01"26#YMX<-I*E2DGY\:42-=DQEV"T?U=]5DY>3V6$. M&YK^24*1K(RY@4*(<)F*C_3P'IH)395>0%->_:)#W?=V:J"@Y()FC;'T("-Y M_8]?&Q = W=^P^8. V!NZY@7!P&L,O(1,/96*@X\%7B\9/2"F M>DLU5:A@5M9R^B17[WTKF'Q*I)U8_\%BG)-_8BX>C7/(2P;V]* MUUO_G:/_#\ZHX!:*"7*MGY!C.1[ZM/71FYNWZ%FZ#;G@B">8P9"?FW%9'P(I M:U>R[F45?USE]VWSME'YT8F[;8OS:UTW6]Y:7_]+I^B1P$9_WOHA=12WK"4 M2BMWO, !K R9-SBP/1CK'W^P9]8O0]1TBOF:Q'H(O1:A-Z:^_E!F.V"(1J@X MQ@&DC*8IA"K"10+H_>8S"J0="?1J$(S(WZ]M9 V1KD><5B,J?+M?.[?3I;GO M ASUZEJ FL1Z *.TXJ@:Y3?D1::,70J(0U R MF522WPW0]SJG@18=;M[!VY; [2B!K8P4CPRVV;=!N]K72MGGB0O0 A&8 .0!02P,$% @ *(5G62TC%<($ M! Q(!D !X;"]W;W)K&ULK9A=CZ,V%(;_ MBD5'U:[4AL]DDFD2:29TM5-UMJ.-=GM1]<*!

O[";BVH>]OFH%]":0+40U2)* MDYNM2SE8]BO/OUIH/ +5'%1S4.@&RD- MU\[!5C]5'ZFJ0]PV)/]3^JOGZA*C&Q -0+1:+_7;3\6[:%$/U7Q4"U!-H%|(
M:A&ER9W5)1LL=;+ATV$'Q8]QNFI2FO69B[0HMG4@=+*9T) #]CFHYEK'<_K& MU-2GUM'G)S3F@&H!]HES-TF(EHTH3>Z4+N9@J6,.HTXNH*$&5'-0S;6.I_'U M_MWJT(K^4.7^604TJ3!0<-X/]
P]YZI_/N&/2!]87?K >O%F/ON_]#]JB_@A M+>/5\[%46W!WROIV6V[S1/WW'PTHH)IC'=^11M?GLZ-@FHN6]5#-1[4 U02] MA:@649K49':71[#5D\2B[9FC#R?;S3+)-??
+SO_<-5HTHC2Y6[]D@:U.&OAY5C3?LELD MR;+8?1\K/=5!)PZUU"5&MPP:.D UUSZ>8]?U6;]AT,@!]@6H)@8VAS'MWX@> M+1E1FMPN7>#+ 5L_KJF:$]O9H# _":7PYV"IHK0#4'U5Q4\U#-1[4
U02]A:@6 M49K<>UVTP#9?>8+(1@,)[.:@FHMJ'IKY]!:@FD"U$-4B2I/;LPM+V.JPA-@L M\]1INDW_]WK=2>W=9["'$_F)ML+A ?C*NBB58U3K6+2A^3=B]U*EVDMD;OG=#X M_]IY].:AFH][:H)5
M1+:(TN=.Z^(+]VE=WL-%P ZHYJ.:BFH=J/]H%]"90 M+42UB-+D]NPR$+8Z T$T:@#]KFHYJ&:CVH!J@E4"U$M M&AB8NF'9$W-J#=^TPNX"$:8Z$$&$\M0E1N^WT*!$J_5#>;V.=M&B'JKYJ!:@
MFD"U$-4B2I,[JXMJV.=':-4;$\M3]Z&9"0QFHYMK'$0 ,G!K5__K386@H]4" M5!/G;I(0+1M1FM0ITRYO,57G+3ZWMX'[E\;=>%E=:CFHUJ M:@+50E2+*$UNR"[2,=5?^53'% U\H)]#:BZ]>:CFHUJ
:@+50E2+*$UNSRY" M,GWA_B]-BSW? ;2[R/A@HZ%Y$51S4,U%-0_5?%0+4$VTFOP)N7>XB5:.*$UN MGRX%,E5?8$(ZW(3NV*DN.;K-T-P'JKFHYJ&:CVH!J@E4"U$MHC2Y(;OU -5$]ZD/-']'<"*7)
[=/E1J;JRUY\CK_Q9S?1I BJ.:CFHIJ':CZJ M!:@F4"U$M8C2Y(;LDB+3V6L?;J(7UD U!]5<5/-0S4>U -4$]H6H%E&:W)Y= M(F7ZPIU(OAQNHLD35'-0S44U#]5\5
M034P\"C_]R72T8D1IF6V>25#S=G:-8%U1Q4 M;B)5HPH36Z?+HLR4V=1L/-\[^)JE9'=Q(:2T$U%]4\5/-1+4 U@6HA MJD64)O=<%V"9O?9E3&9HG 75'%1S4%_K;L'G\LBM[_>ZA^JSW.
<[OTDVAK9+;:A4F;V;5., KNP$^ M_Z/.'JJ#^(@OM:U:6V;KY\3Z)ETE>/Z'Z_6V6E<__] L\9?EOS>__OOW! 'AD !D !X;"]W:W)K&ULM5E;<^(V%/XK&G>GDYU)L"5C
RDP0\BVW8=ME;#)/G3Z(&P!GM@6 ME02$F?[X2C+0(!1OQ*;S@F\[1^;YSK/-9=->4O?(Y(0*\)7'*>]9\N\(R,B7A>C)B\LG,O8920E$]8 W@^1JPSTB)>(K'GI'"@H$TI?U<77L&5F1(XEAYDG'\
MLW5JY7.JP_+YN_=?-7@)9H(Y&=+X1Q2*><]J6R D4[R,Q1-=_TZV@#SE+Z Q MU[]@O1WK6"!8U(GF1EM+-%&JTC@63#Z-I)WHCP4-7N\4$2$8TD16!\>:WSLP MSC(+Z!3H4>#/A7K"P4!1'XD-
N'DD D-6L=K"-[2&+#7T06P=\HZF8<_ E#4E88S\TVT-D<&!+HG*V MT#M;#\CH<4P6#> ZMP YJ F>QX_@YE,%?':H"]7L^)$$TC'4CMUC'5<@N'G" M73V3^O$$Y>CN83_A
\9P.B/R%15@L@'E<2.1;'<:\S"V _C\>MJO6F!7?=AR8,N%G:Z]*L_S M!G F/"^'YYT([S=9&4+6@0F:MP?-1=#U&<'F7'N,Y'Y.3+ 1&1#G :RA1S MYN]AN_.;:6>7FG'R,Z&UX/W"O>2NCM//3VB:&_
M$*[*308/R-M"-GQY(2A8R=M&*.UCH1@#.C-3G1QNY__)2R(.)[$Q(BTLY^+ MI@,=Y'D[2(VQG(D4.H6X<(S-YH=641+;8$685(7@2X;(@!&+ ODKB= LU(H# MYY(-XU+>]DR49!8T9OUH)G9?
W$(#U'*4S=HI%X+7<'>*P!S;N=A1@1U="GO1 M:0[@SF;$L 2\V8"[N(UQG8N[4%K0J$).P5WN0P>09W-"5$YYNX%;N]BOH9!@ M(9&@62-=]]Z;-->C=AK>7^:;YO:BB*I01-NCU"9>]@!E-
Z1**\AIF"AIJ!9 M3IW+1KG%'2 B"Z!=YL%OH/8N#!=t07K'07K!U6I=[(FH#1=7S4'Y_.AR(0&[! M=\(2S>'Z\Q>SZUE(7/NE]9>W^GL?E_4C/*;/?J?3,9A(]B.E4FCJ-EDP;RS:CLPM!%WH_>T*%H(D^G1,
< M$]8&R.=32L7[A9H@_TND_Q]02P,$% @ *(5G6<69#* D P AQ !D M !X;"]W;W)K&ULQ9AMC^(V$,>_BI5652O=DMAY M(EM @K%>U^O18OVD[75%X8,$&T24]O
K=0/7]O))KDC"7#:N[XA<>*9^$:E:O*-+78<:&R, MLM0FCA/8&4UR:S(RS^9\,F)[F28YS#D2^RRC_&D&*3N.+6P]/[A/-ENI']B3 MT8YN8 'R83?
GJF577N(D@UPD+$<<^.OT&9D*_]K5@JS"\Z%GW#R$*KO9 L*XT509:DO95^+ O1 M.'!)AP$I#4PA["*0H7Q-)9V,.#KBLGKL;K&I&JL%*ZU2U%92*[>)LI.3A:2 MK1YO=%XQNF.9&FQ!3;ENT*
(8*,36Z!Z$Y.E*JD[& #WDB13HQ]<@:9**GT:V M5"S:H[TJX\Z*N*0C;H3>L5QN!?HECR'^U-Y6.52)D.=$9J37X0)V ^0ZKQ!O MB(>^1S826\I!E)>>"&Y5*M=$\#HBM!>A+?
5>/WJ=W8H=7<'84@M) #^ -?GA M.QPX/ =0>A6E9[R[7770Z=[,3@=TRCG--Z!6E$3+)]3L-Z=/YO'T2'F, OI= MN41O)63B[[;LO*^0G5]EY >,P1 [; E<3\EB6%^A/ =22)K'2;Y! [8.=D%= M^/6-
7[U5'2;$=4,?AR/[T (45$#1E4"_JC+K.=('$YS 8$P"[#CM,6$%$UX) MTTPXIF>"7-'<@:/:D6?@8E.IXU/7,?O2 UVZGW7Z>7Y8/!"19\>@"O]*^8-4ILXH#@] M3??P^?RN][76+;<(.6S0>H,@ZD!M2
1^$=1ZYI_!+"6)?,+I^!V22T&;Z^4,J=M*VC5+:S'!O:OYO;2-M70&U&N9HEX7 M9RT+N%\7YL#-%ZJ]5_DQ<[E:][O^0D'#M8#@X'\6;-PK85^;8"U*^%I5NE2S
M\;DRA<2+P@Z9Q+4RX6NEZ1+5QJ?*A!T_C+ID&]?:A+ ^*..%3=<+AD R["D1J M=2+?7IW(J3]% ^QUH-;J1+ZM.I%6=<)!!V>M3N1EU.GBK;2,UZRG/W__YZU M&V?##/C&G(
%6K%]+HMC8O6T.F5/B[-EW;TXHK^C?)/D J6P5];.(%03CO>G MWJ[AV)O\!4$L#!!0 ("B% M9UFVHL-/5@0 /H9 9 >&PO=V!R:W-H965TZ-EE),4HJISPS:.(L9Y&E1?2$^A '#H*C=K ;![OOX#
[CX#0.SDM'(U# MM72S7GL5N!!O-)M0L@-46@N:;%31K[Q%O-)"%LJ24_$V%7Y\MN0DOCN5H4[MG.2B_ABJ,G@*EG7M +("SU!%#[*-P>TCN-@AFH#KOQ*#SR'F*,W8%T&Y68;@ M\Z!2UR>
<B<83EM& M3L5SGN-M$,6GEU6!+-"C4!(,+BA%Q1K+]LE3H21 9!_49ERE*7_XN0$7.1D M*ZS_^ETE@P5>,< ;WJCKJ\5WU^%).SUF)8CPUA%XR3.^Q.?OY)^A:OZA2HQ.6
MZH1%FF"=)+IM$MTA^NR:B*0 =O!=CP^_Z[A.H2HY-=>ON/)?T_T,VM 7=7E_ M&'6E51,X7:OPV,H9N2,K:Q6IK.P1;*TZ ?#: ;B# ;AD#GPOY7*5$C7H_MHB MU D+=
<(B3;!.#OPV!_X'*XFO,XDZ8:%.6*0)UDGB]$WBZ)V4I.9ZAQIA^=#N M*8G'"MICKZA]]&BI77'K46:J5%NFC=5.YWS7!P/_<6 MT?*/CV5@7[.4-OW?1<56GT>VO>U% MO45U/-
KOX3G@*"1RW@M +.6,![1L!M!=R7:O!: >^E&B;M0.VZV?A>!R[$' <+ M2HZ(2K1@DX,Z^K6TB%=6RH.RX53L9D*.!QM.XH<+&>H$K4DASA#=08OT+-; MT:,< WH= L=9SMX(\,=-B%Z_>H-
>H:Q&'U*R9[A.V,+DPD:IR8@;>U:-/5/$I@N0?" O^:5WZ-#8#NV+TIH1]U%_,G,GHPJC0(T&9>C\"G(GL[\ M^:C0]%<6.U47FEGG_NRL^[]#"50$0-:9ZT3MK/V-1R+I3$O>O%[[KC4K# M6H6:V2-
4J$#9<]^R1W5& 9,W=6l4:.O>?U< W=6--1..[4O>7-Z[U:YYOZY; MUM'ZRKY:VXKU4#;[=3_YE;[YI^ &TUU6.I3#5JBR+J>B*-*F^6XFG%1U=WE/ MN.A5ZV$*. $J 6) 2P@_3:2"[B^0X M02P,$% @
*(5G60MO_&XB! M>]0 !X;"]W;W)K&ULK5A=CZ,V%/TK%EU5 MN1),P$ (I$FRB>2#5-UJM-GI/E1]<(*3H 6?(U'9T* L@/&'^UJ+DXR-C0/Q92C%QGLNT!IXCUR!%GXLF.T!1QT:5[DQTI
M1E$!2A/3MBS/3%&<&9-1,?9")R.2\R3.\ L%+$]31/^9XH2,SNVH#.9,- M(5]E9Q6-#4L&A!.\Y9(!B;\3?L9)(HE$&']7G$;M4@*OVQ?V13%W,9<-8OB9 M)%_BB! &AF^
"_]0GO!/Y!SB:CYJR:9U/J:4_$T%C@^^5V\ M3K\1QL +IF!]0!2#1[NA0_(#DP1B[< 91&8Q4G.<03FB&9QMK]&O)]ACN*$ M?1#8U_4,O' W ;P#)F#R*0-Q!EZSF+,',2C:GP\D9X*1C4PN9B#C.+=5M-
R M6ON-:!WPD63\P, \BW"DP(?M^* %;XJ5JY?/OBS?U&XE7.-C#SC6 [MVU?$ mU\]P. S7/6N&S=O4\'1 44< 7W8-7P9?=@U?!P ^W\]O//<:(3CU M>^04?,X:?
(JWXL^G#>-4[.9_J81>TKEJ.EGAANR(MGALB!+&,#UA8_+S3]"S M?E&I3"?93"?97"?90B?94B=9J)-LI8GL1L=NK6.WC:VH!XFH!RK)EDBO0,HS
MU&GRZ$#8AR/S=" U&A9EK]6W[UFRF,/,Z#;:%PLSVH>_ESK)0E468.!#V%#<2CG7@>O8OEI+7]TEKY.6'B]:RO)T(TJ4 M.-K=]NH11.4!3R4FKZN86H.Y5TPZR>:**:C%I-/K4B=9J,J"4DS*N;:(:5"+
M:=":L("C4%"AFY8-J*3RK_=&]^/DE58_6UV1/Q>U08WP*ATNH&_A<%7> M@GVG+^_DQ.?D/LX82/!.N+)Z [*YT?*>]^QPF@OFR<_ M02P,$% @ *(5G69&Q$^"G P.*A. !D !X;"]W
M;W)K&ULS9A=;lLV%(_"J$!PP:LT:5[J0.3BP/B] MV -(]%@65"R=O935I>N*; \E%A>L JJ>;!DOL52W?.>*B@/.C:@LW,#SIFZ) M"756"]-VPU<+5LN"4+CA2-1EB?F':RC88>GXSE/#++=GMI6YP5XL*
[V #\EUU MP]6=VU%R4@(5A%'$8;MTKOS+U#<"T^,? @=Q=(WT5.X8N]3[*5$ZN7JKUN)K)@2Z 8XV>\P!O4";9M4@MD575)*<%+6V$VT@]SF1! 1* M'[.BSB%'6\Y*M&9E54MLK%>B
>AO"4A,"O&[P@O=(A:N5./7HW"S=]S7S5B# M9\8:HC>,RKT*3E7D 7TRKI^/Z%V5MRYYP5/RKH-1X ;["O1Z?Z# "Z*!\:S/ MEX=#T_F^Z.DW1^\E(^Q64FAXT7,\R;)[]'>E%\&@N:-R71
O184S6#]JX@G@ M#^"L?OW%GWI_#F76)BRQ"4LMP7H>1)'T:D:&'SWCP36]KBCDE='?\MKY_K<#H ME812_#=D96332INPO"8LM03K63GIK)R,ODYOZ_),^:\;<+]^'8G,\[^K'Z]@G]DX[)
MN<3T#&(O8=,N8=/1A-V"D)OD.@M-*7I'B1PL1*.E;..BMG/[0S3XO&Y,@]";!21T:Z!>&\<2/3\K0 MF;STR[Q>LN9=LN:CR5(KUVS>: 8O]/XE1^>7I5'RUZYEF[#$)BRU!.O9XWN?
MMCO>3U&8VF%8[5_]U8>VN#]KY59,(N]D_HTT#$.HOEI MO^1<8/IE8),PVCO7P+:F4,7H>9=4]ELWKK6[F#GRAQGG+1?Y=K?Z]T0=!
MYJSA$[XY17J#^8Y0@0K8JE#>1:P&RYN#F>9&LLJ <^"Z@WJ^ M94P^W>@ W?'8ZB-02P,$% @ *(5G68M0_=2W P /A$!D !X;"]W M;W)K&ULM5C;:N.V$/T50ET4NX ;72PKE]H"XLB+
M39%@@W6W?5CT@9%&%A&)5$DZ3O^^)*4H5BIKXY8%#%FBYISAS.%M-\Q_B * M (F>]I**A5-(65^XKD@+]+ X8350]29GO,)2/?*-*VH..#.@JG0#SXO<"A/] MO'/3=L?
C.=O*DE"XXTALJPKSOY90LMW"\9WGAB]D4TC=x,:S&F]@#?)K?[A&4D$I- M@=7?(UQ!66HFU8\ 6U^G\ZF!^ ?/!]-\"]8>RS@8I6_DTP6"^?,01GD>%O* M+VSW"=] 9IHO9:4P5[1K;"-
EG&Z%9%4+5CVH"&W^\5.;B#V XAD&!"T@> T(M#P"F+6#Z"A >\A"V@/"M'F8MP(3N-K&;Q"58XGC.V0YQ;:W8](W)OD&K?!&] M!\I:ST,YMTF6V"1;62+KJ1-
VZH1C[/'G&KB:F72#2JT/2IF0@U.PH8D, MC=XM'F, "N:NXWZ*WV"3_-,F/)OU;5;C-KTX9UV(Q+M;@Q.D&W6 B<%EL!4@J$)0J"&?K(.7U0"*00
MZO0SI(^EKO;T,>OT.1O7IUV>*W6]3D%=),JP')1GE,A8>6R2)>,A_H+I"4*> M/T'Z[!$,*6"I-ST%SCU%SM^@ #S5A#257;FML"< 9<&ZCW.6/R^4$[Z#Z9Q'\#4$L#!!0 ("B%9UG C.S? MAP('@&
9 >&PO=V]R:W-H965T2?HP@M8FF3>]FJEFWAVD/#ER"56,SVR3MO]^UH2C--:2'O8"O M?<_Q.1?[DFRE>M E@"&/%1=ZYI7&U)>^KI,2*JI/90T"5PJI*FHP5&M?UPIH M[D
5]Z,@F/H59<)+$S=WJ])$-H8S ;>*Z*:JJ'JZ!BZW,R_TGB?NV+HT=L)/ MDYJN80GFOKY5&/D]2\X]$)I)0104,^\JO)O/;+Y+^,%@JW?&Q#I92?E@@R_Y MS NL(."0&TP-
WQ_ LGYQV]K*B&N>0_66[*F?'N MD1P*VG!S)>?H?/C!&:2; O_*(. M$+T5$'> V!EME3E;"VIHFBBY)S3N5UJS)Z1>42ZE,2 M!Q](%$3C ?C*B!&<)#!XI?
PGVL5U^TJ"]:Y/CBPT7[=;721N%! #WDJ*48 M#U/8RWFI:YK!S,/;IT%MP$O?OPNGP<R6+4:"#4 MGHTANRW'U''8UK%)P_@B3/S-KHV!I//HO$]Z(6_Q('V^_0_F_0O4$L#!!0 ("B%9UET$Q^Q% ,
)8* 9 >&PO=V!R M:W-H965T_Q^YR#S1EM&'\0*P")'K.4 MBK&UDC(_LVT1KR##XI3E0-63]_9EFK(E[;(.>#$B++4]APGM#-,]!6-S+TI
MCT:LD"FA,.5(%%F&^=,%I&PSMESK^<8M6:ZDOF%'HQPO80;R/I]R-;+K* G) M@ K"*.P&%OG[MG$=;3 S/A.8*.VKI%&F3/VH =?DK'E:$>00BQU"*S^UC"! M--61E(_?55"K7E,+MZ^?HU\9>
4SQP(F+/U!$KD:6P,+):# 12[OV>8S5$"! MCA>S5)A?M*GF.A:*"R%95HF5@XS0\A_5HG8$KB]5P1>)?#>*O K@6] 2V<&
MZQ)+'(TXVR"N9ZMH^L+DQJ@5#:&ZC#!)U5.B=#*Z!I4#@4[052$+#NB&QU4L*5!!$^#H6PX<2T*47)(<7X+$)!4?E/1^=HF.CSZ@(T0HNENQ0F":
MB)$ME3^]BAU77BY*+]XK7F:0GR+?^8@\O^NUR"?=\DN%OVE-#YU,; MWW*MD/KU[1^5_3H%O2FU[5FB]<*<%&&"$T(?4"L(\\)1O9Z&Z)SF0,A>C5$ MKO-
"^0[:?)>]8,OWP!\T?'=&/M!W4/L._N8[;/,=[/L.FOGNC'R@[[#V'7;Z MOF,2IRC5&P7EU8G1QA'N<;B#8;, G4L=*-*O0?]=(-<@!,(9*ZA4'R>S #7' M'DY3(IS:.04N5_.;K
MUKG6@23#FF3823(I.%=U03GCI@=0)O6K/TR[@ 1:7\3A'F] Z#0(AWN'7#\ MF:-CW'5>/K-.I_6OC)[$_VR_6F3;F^OTFB5JFQ7VO ;"O=4TZ([M!O,EH4(9 M62B9<<]I76>)E$U0.),M-
'S%G4G4EYG*E&D?@>H)ZOF!,/@]T:U*WHM$?4$L# M!!0 ("B%9UEP=U7RGP(-<' 9 >&PO=V]R:W-H965T4Y M+XIDR47!29Z^1?.ARC5COW MO:/K-NNT%_E?$JZ/1.TW4?NM4>3=@LT=RPS5L-?!
6ZPX;NL%U5Q@';% (KZ9._)L<8#O^RI.%!BQ.@"] (#&PO=V]R M:W-H965TOZMB9[0#=KY^=A(RT*6][[OXY9[G?,YE\MHR\6=C $4VB64 MR;$5*Y4.;5N&.218=G@*3.^LN$BPTE.QMF4J
$C%*]A >HVG0L]LRN6B^3 M).$,"5B-K0MW.!L8^]S@&X&M/!@C$\F2\SLSN8K&EF,.!!1"91BP_MO)5!] MB/0Q?I6<5N72 _'>_9/>>PZEB66<,GI=Q*I>&Q]L% $*YQ1=<.WGZ&,IV?X
M0DYE_HNVA>W@W$)A5/2K ^04)8\8]WI0X' ,W3#/!*@</<0X#\[Z}: [G,] M^"7 ?ZZ'7@G(0[>+V'/A JSP9"3X%@ECK=G,(%< 1VN]"#/W9*&$W84:IR93 M8+ B"LTI9N@]NH@B8A*
(*;IBQ2TTZ3P-0&%"Y3MM&TP]+SM/#L/>&YBZXY4[%$,O9!U(./CN//C^!MK4(EA;>78NH= M)5Q VD%=YPQYCNCF?-TG^)]*QA$]'8_ M B)#RF4F /WXHK?1E8)$_FS*?<'N-
[.;XC>4*0YA;.GJ]D%LP]\?>/VG8]- MPK=)%K1)-FN)K)8BOTJ1?XR]2E&H'P-!EEG^I*8F3P)"OF;DM]Z$G7ZC2-!+ M%"L]5UQ7#Q7&A*UKP,8'N/#?
S_V;%\YFXOKG(WMSF)L&&Z=7MPD>VPQVS3][W*IB90KQ*H=U2@:[PC298T1784^-+KV299T*,9K"6RFOK]2OW^?ZT@ M_393U"99T";9K"6R6HH&58H&KZL@9PB2E/)
[$,W5X@RE($)@2K>23;D[ZO:E MN6N3+*C(7.>@SC@=QW]0C%IR623%/NC.$A#KO"V66L^_J>*%7*U6G?=%WG_^
M6)^ZPTNW83W0G7K16/^E+]K\;RS6A$E$8:5=.9V!+@BB:)V+B>)IWALNN=*= M9CZ,]=<&"&.@]U>7B!>>,VUC4CL8+OK)O'A.3M92+8LM&#ZHDVOL2<[+KJ+#8 BMUG*Y-39*)6?
N*Y<;B"C\HCGP/#)BHN,*KP5:U?F FAL MG++4#3QOZ&8T800I+I1$4?VY@ 6FJ2=B/'R74J6]JQ_KU/?V=&3P.YII*6/#T2Q*K MS=09.R2&%=VFZI+OWD,YH('F+7DJS3?
9E;:>0Y9;J7A6.F,/LH05O_2V3$3- M 3GM#D'I$#QTZ#_AT"L=>OM&Z)<. 7TC#$H',W2W&+M)7$@5G4T$WQ&AK9&F M+TSVC3?
F*V%ZHEPI@4\3]%.S2TBI@IA<4*NR$=!F:1&0DG>D'D<) J:IN2, M%9-2B_LI*$635+Y"DP5:HB8ZU%

normal 8pt Helvetica, Arial, san-serif; margin-bottom: 2em; } .report hr { border: 1px solid #acf; } /* Top labels */ .report th { background-color: #acf; color: black; font-weight: bold; text-align: center; } .report th.void { background-color: transparent; color: #000000; font: bold 10pt Helvetica, Arial, san-serif; text-align: left; } .report .pl { text-align: left; vertical-align: top; white-space: normal; width: 200px; white-space: normal; /* word-wrap: break-word; */ } .report td.pl a.a { cursor: pointer; display: block; width: 200px; overflow: hidden; } .report td.pl div.a { width: 200px; } .report td.pl a:hover { background-color: #ffc; } /* Header rows... */ .report tr.rh { background-color: #acf; color: black; font-weight: bold; } /* Calendars... */ .report .rc { background-color: #f0f0f0; } /* Even rows... */ .report .re, .report .reu { background-color: #def; } .report .reu td { border-bottom: 1px solid black; } /* Odd rows... */ .report .ro, .report .rou { background-color: white; } .report .rou td { border-bottom: 1px solid black; } .report .rou table td, .report .reu table td { border-bottom: 0px solid black; } /* styles for footnote marker */ .report .fn { white-space: nowrap; } /* styles for numeric types */ .report .num, .report .nump { text-align: right; white-space: nowrap; } .report .nump { padding-left: 2em; } .report .nump { padding: 0px 0.4em 0px 2em; } /* styles for text types */ .report .text { text-align: left; white-space: normal; } .report .text .big { margin-bottom: 1em; width: 17em; } .report .text .more { display: none; } .report .text .note { font-style: italic; font-weight: bold; } .report .text .small { width: 10em; } .report sup { font-style: italic; } .report .outerFootnotes { font-size: 1em; } XML 62 FilingSummary.xml IDEA: XBRL DOCUMENT 3.24.3 html 181 220 1 false 39 0 false 7 false false R1.htm 100000 - Document - Document and Entity Information Sheet http://www.ateapharma.com/20240930/taxonomy/role/Role_DocumentDocumentAndEntityInformation Document and Entity Information Cover 1 false false R2.htm 100010 - Statement - Condensed Consolidated Balance Sheets (Unaudited) Sheet http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsUnaudited Condensed Consolidated Balance Sheets (Unaudited) Statements 2 false false R3.htm 100030 - Statement - Condensed Consolidated Balance Sheets (Parenthetical) (Unaudited) Sheet http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsParentheticalUnaudited Condensed Consolidated Balance Sheets (Parenthetical) (Unaudited) Statements 3 false false R4.htm 100040 - Statement - Condensed Consolidated Statements of Operations and Comprehensive Income (Loss) (Unaudited) Sheet http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedStatementsOfOperationsAndComprehensiveIncomeLossUnaudited Condensed Consolidated Statements of Operations and Comprehensive Income (Loss) (Unaudited) Statements 4 false false R5.htm 100050 - Statement - Condensed Consolidated Statements of Stockholders' Equity (Unaudited) Sheet http://www.ateapharma.com/20240930/taxonomy/role/StatementCondensedConsolidatedStatementsOfStockholdersEquityUnaudited Condensed Consolidated Statements of Stockholders' Equity (Unaudited) Statements 5 false false R6.htm 100060 - Statement - Condensed Consolidated Statements of Cash Flows (Unaudited) Sheet http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedStatementsOfCashFlowsUnaudited Condensed Consolidated Statements of Cash Flows (Unaudited) Statements 6 false false R7.htm 995410 - Disclosure - Pay vs Performance Disclosure Sheet http://xbrl.sec.gov/ecd/role/PvpDisclosure Pay vs Performance Disclosure Notes 7 false false R8.htm 995445 - Disclosure - Insider Trading Arrangements Sheet http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements Insider Trading Arrangements Notes 8 false false R9.htm 995455 - Disclosure - Organization Sheet http://www.ateapharma.com/20240930/taxonomy/role/DisclosureOrganization Organization Notes 9 false false R10.htm 995465 - Disclosure - Summary of Significant Accounting Policies Sheet http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureSummaryOfSignificantAccountingPolicies Summary of Significant Accounting Policies Notes 10 false false R11.htm 995475 - Disclosure - Collaboration Agreement Sheet http://www.ateapharma.com/20240930/taxonomy/role/DisclosureCollaborationAgreement1 Collaboration Agreement Notes 11 false false R12.htm 995485 - Disclosure - Marketable Securities Sheet http://www.ateapharma.com/20240930/taxonomy/role/DisclosureMarketableSecurities Marketable Securities Notes 12 false false R13.htm 995495 - Disclosure - Fair Value Measurements Sheet http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureFairValueMeasurements Fair Value Measurements Notes 13 false false R14.htm 995505 - Disclosure - Accrued Expenses and Other Current Liabilities Sheet http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureAccruedExpensesAndOtherCurrentLiabilities Accrued Expenses and Other Current Liabilities Notes 14 false false R15.htm 995515 - 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Disclosure - Marketable Securities - Schedule of Marketable Securities (Details) Sheet http://www.ateapharma.com/20240930/taxonomy/role/DisclosureMarketableSecuritiesScheduleOfMarketableSecuritiesDetails Marketable Securities - Schedule of Marketable Securities (Details) Details 32 false false R33.htm 995695 - Disclosure - Marketable Securities - Additional Information (Details) Sheet http://www.ateapharma.com/20240930/taxonomy/role/DisclosureMarketableSecuritiesAdditionalInformationDetails Marketable Securities - Additional Information (Details) Details 33 false false R34.htm 995705 - Disclosure - Fair Value Measurements - Schedule of Financial Assets Measured at Fair Value on Recurring Basis (Details) Sheet http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureFairValueMeasurementsScheduleOfFinancialAssetsMeasuredAtFairValueOnRecurringBasisDetails Fair Value Measurements - Schedule of Financial Assets Measured at Fair Value on Recurring Basis (Details) Details 34 false false R35.htm 995715 - 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Disclosure - Leases - Summary of Assets and Liabilities Recorded on Consolidated Balance Sheet (Details)", "shortName": "Leases - Summary of Assets and Liabilities Recorded on Consolidated Balance Sheet (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "45", "firstAnchor": { "contextRef": "C_57a3b173-8474-4b35-830b-c0ef50be2035", "name": "us-gaap:OperatingLeaseRightOfUseAsset", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "avir-20240930.htm", "first": true }, "uniqueAnchor": null }, "R46": { "role": "http://www.ateapharma.com/20240930/taxonomy/role/DisclosureLeasesFutureMinimumPaymentsUnderOperatingLeasesDetails", "longName": "995825 - Disclosure - Leases - Future Minimum Payments under Operating Leases (Details)", "shortName": "Leases - Future Minimum Payments under Operating Leases (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "46", "firstAnchor": { "contextRef": "C_57a3b173-8474-4b35-830b-c0ef50be2035", "name": "us-gaap:LesseeOperatingLeaseLiabilityPaymentsRemainderOfFiscalYear", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:LesseeOperatingLeaseLiabilityMaturityTableTextBlock", "div", "us-gaap:LesseeOperatingLeasesTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "avir-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_57a3b173-8474-4b35-830b-c0ef50be2035", "name": "us-gaap:LesseeOperatingLeaseLiabilityPaymentsRemainderOfFiscalYear", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["span", "p", "td", "tr", "table", "us-gaap:LesseeOperatingLeaseLiabilityMaturityTableTextBlock", "div", "us-gaap:LesseeOperatingLeasesTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "avir-20240930.htm", "first": true, "unique": true } }, "R47": { "role": "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureIncomeTaxesAdditionalInformationDetails", "longName": "995835 - Disclosure - Income Taxes - Additional Information (Details)", "shortName": "Income Taxes - Additional Information (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "47", "firstAnchor": { "contextRef": "C_8c6989c0-d28c-4df2-a6f1-7552d40540da", "name": "us-gaap:IncomeTaxExpenseBenefit", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["span", "p", "td", "tr", "table", "body", "html"], "reportCount": 1, "baseRef": "avir-20240930.htm", "first": true }, "uniqueAnchor": null }, "R48": { "role": "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureCommitmentsAndContingenciesAdditionalInformationDetails", "longName": "995845 - Disclosure - Commitments and Contingencies - Additional Information (Details)", "shortName": "Commitments and Contingencies - Additional Information (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "48", "firstAnchor": { "contextRef": "C_1ba1b97a-fb7c-444b-9f08-71f2cb50655f", "name": "avir:ConsultingAgreementSuccessFeePayout", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "INF", "ancestors": ["span", "p", "ix:continuation", "div", "body", "html"], "reportCount": 1, "baseRef": "avir-20240930.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "C_1ba1b97a-fb7c-444b-9f08-71f2cb50655f", "name": "avir:ConsultingAgreementSuccessFeePayout", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "INF", "ancestors": ["span", "p", "ix:continuation", "div", "body", "html"], "reportCount": 1, "baseRef": "avir-20240930.htm", "first": true, "unique": true } }, "R49": { "role": "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureBenefitPlanAdditionalInformationDetails", "longName": "995855 - 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Disclosure - Related Party Transactions - Additional Information (Details)", "shortName": "Related Party Transactions - Additional Information (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "50", "firstAnchor": { "contextRef": "C_41eed342-cc37-4607-9f75-33b2629de5bb", "name": "us-gaap:RetainageDeposit", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["span", "p", "us-gaap:RelatedPartyTransactionsDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "avir-20240930.htm", "first": true }, "uniqueAnchor": { "contextRef": "C_358ab4d3-57f7-4f83-8394-62ef37fb8bd4", "name": "us-gaap:OperatingCostsAndExpenses", "unitRef": "U_USD", "xsiNil": "false", "lang": null, "decimals": "INF", "ancestors": ["span", "p", "us-gaap:RelatedPartyTransactionsDisclosureTextBlock", "div", "body", "html"], "reportCount": 1, "baseRef": "avir-20240930.htm", "unique": true } } }, "tag": { "us-gaap_AccountingPoliciesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountingPoliciesAbstract", "lang": { "en-us": { "role": { "label": "Accounting Policies [Abstract]" } } } }, "auth_ref": [] }, "us-gaap_AccountsPayableAccruedLiabilitiesAndOtherLiabilitiesDisclosureCurrentTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsPayableAccruedLiabilitiesAndOtherLiabilitiesDisclosureCurrentTextBlock", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureAccruedExpensesAndOtherCurrentLiabilities"], "lang": { "en-us": { "role": { "label": "Accounts Payable, Accrued Liabilities, and Other Liabilities Disclosure, Current [Text Block]", "terseLabel": "Accrued Expenses and Other Current Liabilities", "documentation": "The entire disclosure for accounts payable, accrued expenses, and other liabilities that are classified as current at the end of the reporting period." } } }, "auth_ref": ["r315"] }, "us-gaap_AccountsPayableCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsPayableCurrent", "crdr": "credit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsUnaudited"], "lang": { "en-us": { "role": { "label": "Accounts Payable, Current", "terseLabel": "Accounts payable", "totalLabel": "Accounts Payable, Current, Total", "documentation": "Carrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": ["r37", "r613"] }, "us-gaap_AccountsReceivableNetCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsReceivableNetCurrent", "crdr": "debit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Accounts receivable", "label": "Accounts Receivable, after Allowance for Credit Loss, Current", "totalLabel": "Accounts Receivable, after Allowance for Credit Loss, Current, Total", "documentation": "Amount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current." } } }, "auth_ref": ["r747"] }, "us-gaap_AccretionAmortizationOfDiscountsAndPremiumsInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccretionAmortizationOfDiscountsAndPremiumsInvestments", "crdr": "credit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedStatementsOfCashFlowsUnaudited"], "lang": { "en-us": { "role": { "negatedLabel": "Accretion of premium and discounts on marketable securities", "label": "Accretion (Amortization) of Discounts and Premiums, Investments", "documentation": "The sum of the periodic adjustments of the differences between securities' face values and purchase prices that are charged against earnings. This is called accretion if the security was purchased at a discount and amortization if it was purchased at premium. As a noncash item, this element is an adjustment to net income when calculating cash provided by or used in operations using the indirect method." } } }, "auth_ref": ["r59"] }, "us-gaap_AccruedIncomeTaxesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccruedIncomeTaxesCurrent", "crdr": "credit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureAccruedExpensesAndOtherCurrentLiabilitiesScheduleOfAccruedExpensesAndOtherCurrentLiabilitiesDetails"], "lang": { "en-us": { "role": { "label": "Accrued Income Taxes, Current", "terseLabel": "Income taxes", "documentation": "Carrying amount as of the balance sheet date of the unpaid sum of the known and estimated amounts payable to satisfy all currently due domestic and foreign income tax obligations." } } }, "auth_ref": ["r39", "r73"] }, "us-gaap_AccruedIncomeTaxesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccruedIncomeTaxesNoncurrent", "crdr": "credit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Income taxes payable", "label": "Accrued Income Taxes, Noncurrent", "documentation": "Carrying amount as of the balance sheet date of the unpaid sum of the known and estimated amounts payable to satisfy all domestic and foreign income tax obligations due beyond one year or the operating cycle, whichever is longer. Alternate captions include income taxes payable, noncurrent." } } }, "auth_ref": ["r42", "r73"] }, "us-gaap_AccruedLiabilitiesAndOtherLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccruedLiabilitiesAndOtherLiabilities", "crdr": "credit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureAccruedExpensesAndOtherCurrentLiabilitiesScheduleOfAccruedExpensesAndOtherCurrentLiabilitiesDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsUnaudited"], "lang": { "en-us": { "role": { "label": "Accrued Liabilities and Other Liabilities", "terseLabel": "Accrued expenses and other current liabilities", "totalLabel": "Total accrued expenses and other current liabilities", "verboseLabel": "Accrued expenses and other current liabilities", "documentation": "Amount of expenses incurred but not yet paid nor invoiced, and liabilities classified as other." } } }, "auth_ref": [] }, "avir_AccruedLicenseFeesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://www.ateapharma.com/20240930", "localname": "AccruedLicenseFeesCurrent", "crdr": "credit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureAccruedExpensesAndOtherCurrentLiabilitiesScheduleOfAccruedExpensesAndOtherCurrentLiabilitiesDetails"], "lang": { "en-us": { "role": { "documentation": "Carrying value as of the balance sheet date of obligations incurred and payable for licensing arrangements. 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Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } },

"auth_ref": [] }, "us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeLossNetOfTax", "crdr": "credit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated other comprehensive gain", "label": "Accumulated Other Comprehensive Income (Loss), Net of Tax", "totalLabel": "Accumulated Other Comprehensive Income (Loss), Net of Tax, Total", "documentation": "Amount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source." } } }, "auth_ref": ["r14", "r15", "r52", "r108", "r458", "r487", "r488"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeMember", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/StatementCondensedConsolidatedStatementsOfStockholdersEquityUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated Other Comprehensive Gain (Loss)", "label": "AOCI Attributable to Parent [Member]", "documentation": "Accumulated increase (decrease) in equity from transactions and other events and circumstances from non-owner sources, attributable to the parent. Excludes net income (loss), and accumulated changes in equity from transactions resulting from investments by owners and distributions to owners." } } }, "auth_ref": ["r1", "r7", "r15", "r349", "r352", "r400", "r483", "r484", "r729", "r730", "r731", "r736", "r737", "r738", "r739"] }, "ecd_Additional402vDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Additional402vDisclosureTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Additional 402(v) Disclosure [Text Block]", "terseLabel": "Additional 402(v) Disclosure" } } }, "auth_ref": ["r669"] }, "us-gaap_AdditionalPaidInCapital": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapital", "crdr": "credit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsUnaudited"], "lang": { "en-us": { "role": { "label": "Additional Paid in Capital", "terseLabel": "Additional paid-in capital", "totalLabel": "Additional Paid in Capital, Total", "periodStartLabel": "Additional Paid in Capital, Beginning Balance", "periodEndLabel": "Additional Paid in Capital, Ending Balance", "documentation": "Amount of excess of issue price over par or stated value of stock and from other transaction involving stock or stockholder. Includes, but is not limited to, additional paid-in capital (APIC) for common and preferred stock." } } }, "auth_ref": ["r47", "r613", "r864"] }, "us-gaap_AdditionalPaidInCapitalMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapitalMember", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/StatementCondensedConsolidatedStatementsOfStockholdersEquityUnaudited"], "lang": { "en-us": { "role": { "label": "Additional Paid-in Capital [Member]", "terseLabel": "Additional Paid-in Capital", "documentation": "Excess of issue price over par or stated value of the entity's capital stock and amounts received from other transactions involving the entity's stock or stockholders." } } }, "auth_ref": ["r497", "r736", "r737", "r738", "r739", "r808", "r865"] }, "dei_AddressTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "AddressTypeDomain", "presentation": 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"role": { "label": "Basis of Presentation and Significant Accounting Policies [Text Block]", "terseLabel": "Summary of Significant Accounting Policies", "documentation": "The entire disclosure for the basis of presentation and significant accounting policies concepts. Basis of presentation describes the underlying basis used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). Accounting policies describe all significant accounting policies of the reporting entity." } } }, "auth_ref": ["r60"] }, "avir_BusinessDevelopmentConsultingAgreementsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.ateapharma.com/20240930", "localname": "BusinessDevelopmentConsultingAgreementsMember", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureCommitmentsAndContingenciesAdditionalInformationDetails"], "lang": { "en-us": { "role": { "documentation": "Business development consulting agreements.", "label": "Business Development Consulting Agreements [Member]", "terseLabel": "Business Development Consulting Agreements" } } }, "auth_ref": [] }, "us-gaap_CashAndCashEquivalentsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsAbstract", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureFairValueMeasurementsScheduleOfFinancialAssetsMeasuredAtFairValueOnRecurringBasisDetails"], "lang": { "en-us": { "role": { "label": "Cash and Cash Equivalents [Abstract]", "terseLabel": "Cash equivalents" } } }, "auth_ref": [] }, "us-gaap_CashAndCashEquivalentsAtCarryingValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsAtCarryingValue", "crdr": "debit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsUnaudited"], "lang": { "en-us": { "role": { "label": "Cash and Cash Equivalents, at Carrying Value", "terseLabel": "Cash and cash equivalents", "totalLabel": "Cash and Cash Equivalents, at Carrying Value, Total", "periodStartLabel": "Cash and Cash Equivalents, at Carrying Value, Beginning Balance", "periodEndLabel": "Cash and Cash Equivalents, at Carrying Value, Ending Balance", "documentation": "Amount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation." } } }, "auth_ref": ["r18", "r104", "r567"] }, "us-gaap_CashAndCashEquivalentsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsAxis", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureFairValueMeasurementsScheduleOfFinancialAssetsMeasuredAtFairValueOnRecurringBasisDetails"], "lang": { "en-us": { "role": { "label": "Cash and Cash Equivalents [Axis]", "terseLabel": "Cash and Cash Equivalents", "documentation": "Information by type of cash and cash equivalent balance." } } }, "auth_ref": ["r104"] }, "us-gaap_CashAndCashEquivalentsFairValueDisclosure": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsFairValueDisclosure", "crdr": "debit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureFairValueMeasurementsScheduleOfFinancialAssetsMeasuredAtFairValueOnRecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Cash equivalents", "label": "Cash and Cash Equivalents, Fair Value Disclosure", "documentation": "Fair value portion of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r810", "r811"] }, "us-gaap_CashCashEquivalentsAndShortTermInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsAndShortTermInvestments", "crdr": "debit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureOrganizationAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Cash and cash equivalents and marketable securities", "totalLabel": "Cash, Cash Equivalents, and Short-Term Investments, Total", "documentation": "Cash includes currency on hand as well as demand deposits with banks or financial institutions. It also includes other kinds of accounts that have the general characteristics of demand deposits in that the customer may deposit additional funds at any time and effectively may withdraw funds at any time without prior notice or penalty. Cash equivalents, excluding items classified as marketable securities, include short-term, highly liquid Investments that are both readily convertible to known amounts of cash, and so near their maturity that they present minimal risk of changes in value because of changes in interest rates. Generally, only investments with original maturities of three months or less qualify under that definition. Original maturity means original maturity to the entity holding the investment. For example, both a three-month US Treasury bill and a three-year Treasury note purchased three months from maturity qualify as cash equivalents. However, a Treasury note purchased three years ago does not become a cash equivalent when its remaining maturity is three months. Short-term investments, exclusive of cash equivalents, generally consist of marketable securities intended to be sold within one year (or the normal operating cycle if longer) and may include trading securities, available-for-sale securities, or held-to-maturity securities (if maturing within one year), as applicable." } } }, "auth_ref": ["r728"] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "crdr": "debit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedStatementsOfCashFlowsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Total cash and cash equivalents", "periodEndLabel": "Cash and cash equivalents at the end of period", "periodStartLabel": "Cash and cash equivalents at the beginning of period", "label": "Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents", "totalLabel": "Total cash, cash equivalents and restricted cash", "documentation": "Amount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. Excludes amount for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r18", "r57", "r126"] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "crdr": "debit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedStatementsOfCashFlowsUnaudited"], "lang": { "en-us": { "role": { "totalLabel": "Net decrease in cash and cash equivalents", "label": "Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Including Exchange Rate Effect", "documentation": "Amount of increase (decrease) in cash, cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r0", "r57"] }, "ecd_ChangedPeerGroupFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ChangedPeerGroupFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Changed Peer Group, Footnote [Text

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Equity Awards Granted in Prior Years That are Outstanding and Unvested [Member]", "terseLabel": "Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested" } } }, "auth_ref": ["r675"] }, "dei_CityAreaCode": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CityAreaCode", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "City Area Code", "terseLabel": "City Area Code", "documentation": "Area code of city" } } }, "auth_ref": [] }, "ecd_CoSelectedMeasureAmt": { "xbrltype": "decimalItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CoSelectedMeasureAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Company Selected Measure Amount", "terseLabel": "Company Selected Measure Amount" } } }, "auth_ref": ["r681"] }, "ecd_CoSelectedMeasureName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CoSelectedMeasureName", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Company Selected Measure Name", "terseLabel": "Company Selected Measure Name" } } }, "auth_ref": ["r681"] }, "us-gaap_CollaborativeArrangementDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CollaborativeArrangementDisclosureTextBlock", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureCollaborationAgreement1"], "lang": { "en-us": { "role": { "label": "Collaborative Arrangement Disclosure [Text Block]", "terseLabel": "Collaboration Agreement", "documentation": "The entire disclosure for collaborative arrangements in which the entity is a participant, including a) information about the nature and purpose of such arrangements; b) its rights and obligations thereunder; c) the accounting policy for collaborative arrangements; and d) the income statement classification and amounts attributable to transactions arising from the collaborative arrangement between participants." } } }, "auth_ref": ["r89", "r91", "r98"] }, "us-gaap_CommercialPaperMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommercialPaperMember", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureMarketableSecuritiesScheduleOfMarketableSecuritiesDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureFairValueMeasurementsScheduleOfFinancialAssetsMeasuredAtFairValueOnRecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Commercial paper", "label": "Commercial Paper [Member]", "documentation": "Unsecured promissory note (generally negotiable) that provides institutions with short-term funds." } } }, "auth_ref": ["r64", "r239", "r624", "r625", "r626", "r627"] }, "avir_CommissionRate": { "xbrltype": "percentItemType", "nsuri": "http://www.ateapharma.com/20240930", "localname": "CommissionRate", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureOrganizationAdditionalInformationDetails"], "lang": { "en-us": { "role": { "documentation": "The commission rate the Company agreed to pay for shares sold under a Sales Agreement, as a percentage of aggregate gross sales proceeds from each sale of shares.", "label": "Commission Rate", "terseLabel": "Commission percentage of aggregate gross proceeds from each sale of shares" } } }, "auth_ref": [] }, "us-gaap_CommitmentsAndContingencies": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingencies", "crdr": "credit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Commitments and contingencies (see 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"Common Stock, Capital Shares Reserved for Future Issuance", "terseLabel": "Common stock, capital shares reserved for future issuance", "documentation": "Aggregate number of common shares reserved for future issuance." } } }, "auth_ref": ["r46"] }, "us-gaap_CommonStockMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockMember", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationAdditionalInformationDetails", "http://www.ateapharma.com/20240930/taxonomy/role/StatementCondensedConsolidatedStatementsOfStockholdersEquityUnaudited"], "lang": { "en-us": { "role": { "label": "Common Stock [Member]", "terseLabel": "Common Stock", "documentation": "Stock that is subordinate to all other stock of the issuer." } } }, "auth_ref": ["r620", "r621", "r622", "r624", "r625", "r626", "r627", "r736", "r737", "r739", "r808", "r862", "r865"] }, "us-gaap_CommonStockParOrStatedValuePerShare": { 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stock, shares authorized", "documentation": "The maximum number of common shares permitted to be issued by an entity's charter and bylaws." } } }, "auth_ref": ["r46", "r509"] }, "us-gaap_CommonStockSharesIssued": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesIssued", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureOrganizationAdditionalInformationDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureCommonStockAdditionalInformationDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsParentheticalUnaudited"], "lang": { "en-us": { "role": { "label": "Common Stock, Shares, Issued", "terseLabel": "Common stock, shares issued", "totalLabel": "Common Stock, Shares, Issued, Total", "verboseLabel": "Number of shares issued", "documentation": "Total number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury." } } }, "auth_ref": ["r46"] }, "us-gaap_CommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesOutstanding", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureCommonStockAdditionalInformationDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsParentheticalUnaudited"], "lang": { "en-us": { "role": { "label": "Common Stock, Shares, Outstanding", "terseLabel": "Common stock, shares outstanding", "periodStartLabel": "Common Stock, Shares, Outstanding, Beginning Balance", "periodEndLabel": "Common Stock, Shares, Outstanding, Ending Balance", "documentation": "Number of shares of common stock outstanding. Common stock represent the ownership interest in a corporation." } } }, "auth_ref": ["r8", "r46", "r509", "r527", "r865", "r866"] }, "avir_CommonStockTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.ateapharma.com/20240930", "localname": "CommonStockTextBlock", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureCommonStock"], "lang": { "en-us": { "role": { "documentation": "The entire disclosure for common stock, including, but not limited to, the number of shares issued and outstanding, voting rights, and number of shares reserved for each class of stock.", "label": "Common Stock [Text Block]", "terseLabel": "Common Stock" } } }, "auth_ref": [] }, "us-gaap_CommonStockValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockValue", "crdr": "credit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Common stock, $0.001 par value; 300,000,000 shares authorized; 84,463,059 and 83,435,513 shares issued and outstanding as of September 30, 2024 and December 31, 2023, respectively", "label": "Common Stock, Value, Issued", "totalLabel": "Common Stock, Value, Issued, Total", "periodStartLabel": "Common Stock, Value, Issued, Beginning Balance", "periodEndLabel": "Common Stock, Value, Issued, Ending Balance", "documentation": "Aggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity." } } }, "auth_ref": ["r46", "r457", "r613"] }, "us-gaap_CommonStockVotingRights": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockVotingRights", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureCommonStockAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Common Stock, Voting Rights", "terseLabel": "Common stock voting rights per share", "documentation": "Description of voting rights of common stock. Includes eligibility to vote and votes per share owned. 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The accounting policy may also address the accounting treatment for intercompany accounts and transactions, noncontrolling interest, and the income statement treatment in consolidation for issuances of stock by a subsidiary." } } }, "auth_ref": ["r34", "r571"] }, "avir_ConsultingAgreementMember": { "xbrltype": "domainItemType", "nsuri": "http://www.ateapharma.com/20240930", "localname": "ConsultingAgreementMember", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureRelatedPartyTransactionsAdditionalInformationDetails"], "lang": { "en-us": { "role": { "documentation": "Consulting agreement.", "label": "Consulting Agreement [Member]", "terseLabel": "Consulting Agreement" } } }, "auth_ref": [] }, "avir_ConsultingAgreementSuccessFeePayout": { "xbrltype": "monetaryItemType", "nsuri": "http://www.ateapharma.com/20240930", "localname": "ConsultingAgreementSuccessFeePayout", "crdr": "debit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureCommitmentsAndContingenciesAdditionalInformationDetails"], "lang": { "en-us": { "role": { "documentation": "The aggregate amount payable by the Company, as part of a consulting agreement. 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salaries and bonuses, payroll taxes and fringe benefits. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref":
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common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items
such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument." } } }, "auth_ref": [] },
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Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90
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names of the entities being reported upon in a document. Any legal structure used to conduct activities or to hold assets. Some examples of such structures are corporations, partnerships,
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Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the registrant's current or most
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Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files)." } } }, "auth_ref": [ "r718" ] },
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"http://www.ateapharma.com/20240930/taxonomy/role/StatementCondensedConsolidatedStatementsOfStockholdersEquityUnaudited"], "lang": { "en-us": { "role": { "label": "Equity Component [Domain]", "terseLabel": "Equity Component", "documentation": "Components of equity are the parts of the total Equity balance including that which is allocated to common, preferred, treasury stock, retained earnings, etc." } } }, "auth_ref": ["r8", "r100", "r117", "r118", "r119", "r134", "r135", "r136", "r138", "r143", "r145", "r147", "r161", "r209", "r210", "r227", "r255", "r327", "r328", "r334", "r335", "r336", "r338", "r339", "r340", "r348", "r349", "r350", "r351", "r352", "r353", "r355", "r381", "r383", "r384", "r385", "r386", "r387", "r388", "r390", "r400", "r466", "r483", "r484", "r485", "r497", "r551"] }, "ecd_EquityValuationAssumptionDifferenceFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "EquityValuationAssumptionDifferenceFnTextBlock", 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These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table.", "label": "Fair Value Assets Measured On Recurring Basis [Line Items]", "terseLabel": "Fair Value Assets Measured On Recurring Basis [Line Items]" } } }, "auth_ref": [] }, "avir_FairValueAssetsMeasuredOnRecurringBasisTable": { "xbrltype": "stringItemType", "nsuri": "http://www.ateapharma.com/20240930", "localname": "FairValueAssetsMeasuredOnRecurringBasisTable", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureFairValueMeasurementsScheduleOfFinancialAssetsMeasuredAtFairValueOnRecurringBasisDetails"], "lang": { "en-us": { "role": { "documentation": "Disclosure of information about assets at fair value on recurring basis.", "label": "Fair Value Assets Measured On Recurring Basis [Table]", "terseLabel": "Fair Value Assets Measured On Recurring Basis [Table]" } } }, "auth_ref": [] }, "us-gaap_FairValueAssetsMeasuredOnRecurringBasisTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueAssetsMeasuredOnRecurringBasisTextBlock", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureFairValueMeasurementsTables"], "lang": { "en-us": { "role": { "label": "Fair Value, Assets Measured on Recurring Basis [Table Text Block]", "terseLabel": "Schedule of Financial Assets Measured at Fair Value on Recurring Basis", "documentation": "Tabular disclosure of assets, including [financial] instruments measured at fair value that are classified in stockholders' equity, if any, by class that are measured at fair value on a recurring basis. The disclosures contemplated herein include the fair value measurements at the reporting date by the level within the fair value hierarchy in which the fair value measurements in their entirety fall, segregating fair value measurements using quoted prices in active markets for identical assets (Level 1), significant other observable inputs (Level 2), and significant unobservable inputs (Level 3)." } } }, "auth_ref": ["r810", "r811"] }, "us-gaap_FairValueByFairValueHierarchyLevelAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueByFairValueHierarchyLevelAxis", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureFairValueMeasurementsScheduleOfFinancialAssetsMeasuredAtFairValueOnRecurringBasisDetails"], "lang": { "en-us": { "role": { "label": "Fair Value Hierarchy and NAV [Axis]", "terseLabel": "Level 2", "documentation": "Information by level within fair value hierarchy and fair value measured at net asset value per share as practical expedient." } } }, "auth_ref": ["r250", "r268", "r269", "r270", "r271", "r272", "r273", "r358", "r360", "r361", "r362", "r363", "r369", "r370", "r372", "r412", "r413", "r414", "r582", "r583", "r592", "r593", "r594", "r602", "r605"] }, "us-gaap_FairValueDisclosuresAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueDisclosuresAbstract", "lang": { "en-us": { "role": { "label": "Fair Value Disclosures [Abstract]" } } }, "auth_ref": [] }, "us-gaap_FairValueDisclosuresTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueDisclosuresTextBlock", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureFairValueMeasurements"], "lang": { "en-us": { "role": { "label": "Fair Value Disclosures [Text Block]", "terseLabel": "Fair Value Measurements", "documentation": "The entire disclosure for the fair value of financial instruments (as defined), including financial assets and financial liabilities (collectively, as defined), and the measurements of those instruments as well as disclosures related to the fair value of non-financial assets and liabilities. Such disclosures about the financial instruments, assets, and liabilities would include: (1) the fair value of the required items together with their carrying amounts (as appropriate); (2) for items for which it is not practicable to estimate fair value, disclosure would include: (a) information pertinent to estimating fair value (including, carrying amount, effective interest rate, and maturity, and (b) the reasons why it is not practicable to estimate fair value; (3) significant concentrations of credit risk including: (a) information about the activity, region, or economic characteristics identifying a concentration, (b) the maximum amount of loss the entity is exposed to based on the gross fair value of the related item, (c) policy for requiring collateral or other security and information as to accessing such collateral or security, and (d) the nature and brief description of such collateral or security; (4) quantitative information about market risks and how such risks are managed; (5) for items measured on both a recurring and nonrecurring basis information regarding the inputs used to develop the fair value measurement; and (6) for items presented in the financial statement for which fair value measurement is elected: (a) information necessary to understand the reasons for the election, (b) discussion of the effect of fair value changes on earnings, (c) a description of [similar groups] items for which the election is made and the relation thereof to the balance sheet, the aggregate carrying value of items included in the balance sheet that are not eligible for the election; (7) all other required (as defined) and desired information." } } }, "auth_ref": ["r365", "r367", "r368", "r369", "r372", "r373", "r374", "r375", "r376", "r444", "r602", "r606"] }, "us-gaap_FairValueInputsLevel1Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel1Member", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureFairValueMeasurementsScheduleOfFinancialAssetsMeasuredAtFairValueOnRecurringBasisDetails"], "lang": { "en-us": { "role": { "label": "Fair Value, Inputs, Level 1 [Member]", "terseLabel": "Level 1", "documentation": "Quoted prices in active markets for identical assets or liabilities that the reporting entity can access at the measurement date." } } }, "auth_ref": ["r250", "r268", "r273", "r360", "r370", "r412", "r592", "r593", "r594", "r602"] }, "us-gaap_FairValueInputsLevel2Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel2Member", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureFairValueMeasurementsScheduleOfFinancialAssetsMeasuredAtFairValueOnRecurringBasisDetails"], "lang": { "en-us": { "role": { "label": "Fair Value, Inputs, Level 2 [Member]", "terseLabel": "Level 2", "documentation": "Inputs other than quoted prices included within level 1 that are observable for an asset or liability, either directly or indirectly, including, but not limited to, quoted prices for similar assets or liabilities in active markets, or quoted prices for identical or similar assets or liabilities in inactive markets." } } }, "auth_ref": ["r250", "r268", "r273", "r360", "r361", "r370", "r413", "r582", "r583", "r592", "r593", "r594", "r602"] }, "us-gaap_FairValueInputsLevel3Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel3Member", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureFairValueMeasurementsScheduleOfFinancialAssetsMeasuredAtFairValueOnRecurringBasisDetails"], "lang": { "en-us": { "role": { "label": "Fair Value, Inputs, Level 3 [Member]", "terseLabel": "Level 3", "documentation": "Unobservable inputs that reflect the entity's own assumption about the assumptions market participants would use in pricing." } } }, "auth_ref": ["r250", "r268", "r269", "r270", "r271", "r272", "r273", "r360", "r361", "r362", "r363", "r370", "r414", "r582", "r583", "r592", "r593", "r594", "r602", "r605"] }, "us-gaap_FairValueMeasurementsFairValueHierarchyDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementsFairValueHierarchyDomain", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureFairValueMeasurementsScheduleOfFinancialAssetsMeasuredAtFairValueOnRecurringBasisDetails"], "lang": { "en-us": { "role": { "label": "Fair Value Hierarchy and NAV [Domain]", "terseLabel": "Fair Value Hierarchy and NAV", "documentation": "Categories used to prioritize the inputs to valuation techniques to measure fair value." } } }, "auth_ref": ["r250", "r268", "r269", "r270", "r271", "r272", "r273", "r358", "r360", "r361", "r362", "r363", "r369", "r370", "r372", "r412", "r413", "r414", "r582", "r583", "r592", "r593", "r594", "r602", "r605"] }, "us-gaap_FederalIncomeTaxExpenseBenefitContinuingOperations": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FederalIncomeTaxExpenseBenefitContinuingOperations", "crdr": "debit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureIncomeTaxesAdditionalInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Federal income taxes", "label": "Federal Income Tax Expense (Benefit), Continuing Operations", "totalLabel": "Federal Income Tax Expense (Benefit), Continuing Operations, Total", "documentation": "Amount of current and deferred federal tax expense (benefit) attributable to income (loss) from continuing operations. Includes, but is not limited to, current and deferred national tax expense (benefit) for non-US (United States of America) jurisdiction." } } }, "auth_ref": ["r128", "r318", "r319"] }, "us-gaap_FinancialInstrumentAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinancialInstrumentAxis", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureMarketableSecuritiesScheduleOfMarketableSecuritiesDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureFairValueMeasurementsScheduleOfFinancialAssetsMeasuredAtFairValueOnRecurringBasisDetails"], "lang": { "en-us": { "role": { "label": "Financial Instrument [Axis]", "documentation": "Information by type of financial instrument." } } }, "auth_ref": ["r177", "r178", "r179", "r180", "r181", "r182", "r183", "r184", "r185", "r186", "r187", "r188", "r189", "r190", "r191", "r192", "r193", "r194", "r195", "r196", "r197", "r198", "r199", "r200", "r201", "r202", "r203", "r204", "r205", "r206", "r211", "r212", "r213", "r214", "r215", "r217", "r221", "r222", "r251", "r254", "r354", "r377", "r409", "r410", "r411", "r412", "r413", "r414", "r415", "r416", "r417", "r418", "r419", "r420", "r421", "r422", "r423", "r426", "r427", "r428", "r429", "r430", "r431", "r432", "r433", "r434", "r435", "r436", "r437", "r438", "r439", "r440", "r467", "r579", "r602", "r603", "r605", "r606", "r607", "r608", "r609", "r610", "r611", "r614", "r720", "r721", "r722", "r723", "r724", "r725", "r726", "r762", "r763", "r764", "r765", "r809", "r812", "r813", "r814", "r815", "r816"] }, "ecd_ForgoneRecoveryDueToDisqualificationOfTaxBenefitsAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ForgoneRecoveryDueToDisqualificationOfTaxBenefitsAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Forgone Recovery due to Disqualification of Tax Benefits, Amount", "terseLabel": "Forgone Recovery due to Disqualification of Tax Benefits, Amount" } } }, "auth_ref": ["r644", "r654", "r665", "r697"] }, "ecd_ForgoneRecoveryDueToExpenseOfEnforcementAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ForgoneRecoveryDueToExpenseOfEnforcementAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Forgone Recovery due to Expense of Enforcement, Amount", "terseLabel": "Forgone Recovery due to Expense of Enforcement, Amount" } } }, "auth_ref": ["r644", "r654", "r665", "r697"] }, "ecd_ForgoneRecoveryDueToViolationOfHomeCountryLawAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ForgoneRecoveryDueToViolationOfHomeCountryLawAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Forgone Recovery due to Violation of Home Country Law, Amount", "terseLabel": "Forgone Recovery due to Violation of Home Country Law, Amount" } } }, "auth_ref": ["r644", "r654", "r665", "r697"] }, "ecd_ForgoneRecoveryExplanationOfImpracticabilityTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ForgoneRecoveryExplanationOfImpracticabilityTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Forgone Recovery, Explanation of Impracticability [Text Block]", "terseLabel": "Forgone Recovery, Explanation of Impracticability" } } }, "auth_ref": ["r644", "r654", "r665", "r697"] }, "ecd_ForgoneRecoveryIndName": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ForgoneRecoveryIndName", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Forgone Recovery, Individual Name", "terseLabel": "Name" } } }, "auth_ref": ["r644", "r654", "r665", "r697"] }, "dei_FormerAddressMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "FormerAddressMember", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Former Address", "label": "Former Address [Member]", "documentation": "Former address for entity" } } }, "auth_ref": ["r635", "r657"] }, "ecd_FrValAsOfPrrYrEndOfEqtyAwrdsGrntdInPrrYrsFldVstngCondsDrngCvrdYrMember": {

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type or class of assets, excluding financial assets and goodwill, lacking physical substance and having a projected indefinite period of benefit." } } }, "auth_ref": ["r224", "r225", "r226", "r580"] }, "us-gaap_IndefiniteLivedIntangibleAssetsMajorClassNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IndefiniteLivedIntangibleAssetsMajorClassNameDomain", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureCommitmentsAndContingenciesAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Indefinite-Lived Intangible Assets, Major Class Name [Domain]", "terseLabel": "Indefinite-lived Intangible Assets, Major Class Name", "documentation": "The major class of indefinite-lived intangible asset (for example, trade names, etc. but not all-inclusive), excluding goodwill. A major class is composed of intangible assets that can be grouped together because they are similar, either by their nature or by their use in the operations of the company." } } }, "auth_ref": ["r224", "r225", "r226", "r580"] }, "ecd_IndividualAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "IndividualAxis", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure", "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure", "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements", "http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Individual [Axis]", "terseLabel": "Individual:" } } }, "auth_ref": ["r644", "r654", "r665", "r689", "r697", "r701", "r709"] }, "ecd_InsiderTradingArrLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "InsiderTradingArrLineItems", "lang": { "en-us": { "role": { "label": "Insider Trading Arrangements [Line Items]", "terseLabel": "Insider Trading Arrangements:" } } }, "auth_ref": ["r707"] }, "ecd_InsiderTradingPoliciesProcLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "InsiderTradingPoliciesProcLineItems", "lang": { "en-us": { "role": { "label": "Insider Trading Policies and Procedures [Line Items]", "terseLabel": "Insider Trading Policies and Procedures:" } } }, "auth_ref": ["r636", "r713"] }, "ecd_InsiderTrdPoliciesProcAdoptedFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "InsiderTrdPoliciesProcAdoptedFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingPoliciesProc"], "lang": { "en-us": { "role": { "label": "Insider Trading Policies and Procedures Adopted [Flag]", "terseLabel": "Insider Trading Policies and Procedures Adopted" } } }, "auth_ref": ["r636", "r713"] }, "ecd_InsiderTrdPoliciesProcNotAdoptedTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "InsiderTrdPoliciesProcNotAdoptedTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingPoliciesProc"], "lang": { "en-us": { "role": { "label": "Insider Trading Policies and Procedures Not Adopted [Text Block]", "terseLabel": "Insider Trading Policies and Procedures Not Adopted" } } }, "auth_ref": ["r636", "r713"] }, "us-gaap_InterestAndOtherIncome": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestAndOtherIncome", "crdr": "credit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedStatementsOfOperationsAndComprehensiveIncomeLossUnaudited"], "lang": { "en-us": { "role": { "label": "Interest and Other Income", "terseLabel": "Interest income and other, net", "totalLabel": "Interest and Other Income, Total", "documentation": "The amount of interest income and other income recognized during the period. Included in this element is interest derived from investments in debt securities, cash and cash equivalents, and other investments which reflect the time value of money or transactions in which the payments are for the use or forbearance of money and other income from ancillary business-related activities (that is, excluding major activities considered part of the normal operations of the business)." } } }, "auth_ref": [] }, "us-gaap_InvestmentsInDebtAndMarketableEquitySecuritiesAndCertainTradingAssetsDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InvestmentsInDebtAndMarketableEquitySecuritiesAndCertainTradingAssetsDisclosureTextBlock", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureMarketableSecurities"], "lang": { "en-us": { "role": { "terseLabel": "Marketable Securities", "label": "Investments in Debt and Marketable Equity Securities (and Certain Trading Assets) Disclosure [Text Block]", "documentation": "The entire disclosure for investments in certain debt and equity securities." } } }, "auth_ref": ["r78", "r99", "r173", "r176", "r378", "r379", "r830"] }, "avir_JeanPierreSommadossiMember": { "xbrltype": "domainItemType", "nsuri": "http://www.ateapharma.com/20240930", "localname": "JeanPierreSommadossiMember", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "documentation": "Jean-Pierre Sommadossi.", "label": "Jean-Pierre Sommadossi [Member]", "terseLabel": "Jean-Pierre Sommadossi" } } }, "auth_ref": [] }, "avir_JefferiesLlcMember": { "xbrltype": "domainItemType", "nsuri": "http://www.ateapharma.com/20240930", "localname": "JefferiesLlcMember", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureOrganizationAdditionalInformationDetails"], "lang": { "en-us": { "role": { "documentation": "Jefferies LLC.", "label": "Jefferies LLC [Member]", "terseLabel": "Jeffries" } } }, "auth_ref": [] }, "avir_LeaseCommencementDate": { "xbrltype": "dateItemType", "nsuri": "http://www.ateapharma.com/20240930", "localname": "LeaseCommencementDate", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureLeasesAdditionalInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Lease commencement date", "label": "Lease Commencement Date", "documentation": "Date which lease or group of leases is set to commence, in YYYY-MM-DD format." } } }, "auth_ref": [] }, "us-gaap_LeaseExpirationDate1": { "xbrltype": "dateItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LeaseExpirationDate1", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureLeasesAdditionalInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Lease expiration date", "label": "Lease Expiration Date", "documentation": "Date which lease or group of leases is set to expire, in YYYY-MM-DD format." } } }, "auth_ref": [] }, "us-gaap_LeasesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LeasesAbstract", "lang": { "en-us": { "role": { "label": "Leases [Abstract]" } } }, "auth_ref": [] }, "dei_LegalEntityAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "LegalEntityAxis", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureOrganizationAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Legal Entity [Axis]", "documentation": "The set of legal entities associated with a report." } } }, "auth_ref": [] }, "us-gaap_LesseeLeaseDescriptionTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeLeaseDescriptionTable", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureLeasesAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Lessee, Lease, Description [Table]", "documentation": "Disclosure of information about lessee's leases." } } }, "auth_ref": ["r393", "r397"] }, "us-gaap_LesseeOperatingLeaseLiabilityMaturityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityMaturityTableTextBlock", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureLeasesTables"], "lang": { "en-us": { "role": { "label": "Lessee, Operating Lease, Liability, to be Paid, Maturity [Table Text Block]", "terseLabel": "Summary of Future Minimum Payments under Operating Leases", "documentation": "Tabular

disclosure of undiscounted cash flows of lessee's operating lease liability. Includes, but is not limited to, reconciliation of undiscounted cash flows to operating lease liability recognized in statement of financial position." } } }, "auth_ref": ["r818"] }, "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityPaymentsDue", "crdr": "credit", "presentation": [
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}, "auth_ref": ["r672"] }, "us-gaap_PreferredStockParOrStatedValuePerShare": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockParOrStatedValuePerShare", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsParentheticalUnaudited"], "lang": { "en-us": { "role": { "label": "Preferred Stock, Par or Stated Value Per Share", "terseLabel": "Preferred stock, par value", "documentation": "Face amount or stated value per share of preferred stock nonredeemable or redeemable solely at the option of the issuer." } } }, "auth_ref": ["r45", "r252"] }, "us-gaap_PreferredStockSharesAuthorized": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockSharesAuthorized", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsParentheticalUnaudited"], "lang": { "en-us": { "role": { 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Includes, but is not limited to, preferred shares issued, repurchased, and held as treasury shares. Excludes preferred shares classified as debt." } } }, "auth_ref": ["r45", "r252"] }, "us-gaap_PreferredStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockSharesOutstanding", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsParentheticalUnaudited"], "lang": { "en-us": { "role": { "label": "Preferred Stock, Shares Outstanding", "terseLabel": "Preferred stock, shares outstanding", "periodStartLabel": "Preferred Stock, Shares Outstanding, Beginning Balance", "periodEndLabel": "Preferred Stock, Shares Outstanding, Ending Balance", "documentation": "Aggregate share number for all nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer) held by stockholders. Does not include preferred shares that have been repurchased." } } }, "auth_ref": ["r45", "r509", "r527", "r865", "r866"] }, "us-gaap_PreferredStockValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockValue", "crdr": "credit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsUnaudited"], "lang": { "en-us": { "role": { "label": "Preferred Stock, Value, Issued", "totalLabel": "Preferred Stock, Value, Issued, Total", "periodStartLabel": "Preferred Stock, Value, Issued, Beginning Balance", "periodEndLabel": "Preferred Stock, Value, Issued, Ending Balance", "terseLabel": "Preferred stock, $0.001 par value per share; 10,000,000 shares authorized; no shares issued and outstanding", "documentation": "Aggregate par or stated value of issued nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable preferred shares, par value and other disclosure concepts are in another section within stockholders' equity." } } }, "auth_ref": ["r45", "r456", "r613"] }, "us-gaap_PrepaidExpenseAndOtherAssetsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PrepaidExpenseAndOtherAssetsCurrent", "crdr": "debit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsUnaudited"], "lang": { "en-us": { "role": { "label": "Prepaid Expense and Other Assets, Current", "terseLabel": "Prepaid expenses and other current assets", "documentation": "Amount of asset related to consideration paid in advance for costs that provide economic benefits in future periods, and amount of other assets that are expected to be realized or consumed within one year or the normal operating cycle, if longer." } } }, "auth_ref": ["r728"] }, "us-gaap_ProceedsFromSaleAndMaturityOfMarketableSecurities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromSaleAndMaturityOfMarketableSecurities", "crdr": "debit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureMarketableSecuritiesAdditionalInformationDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedStatementsOfCashFlowsUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Proceeds from sales and maturities of marketable securities", "label": "Proceeds from Sale and Maturity of Marketable Securities", "terseLabel": "Sales and maturities of marketable securities", "documentation": "The cash inflow associated with the aggregate amount received by the entity through sale or maturity of marketable securities (held-to-maturity or available-for-sale) during the period." } } }, "auth_ref": [] }, "us-gaap_ProceedsFromStockOptionsExercised": { "xbrltype": 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Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures." } } }, "auth_ref": ["r5", "r396", "r450", "r462", "r613"] }, "us-gaap_PropertyPlantAndEquipmentTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentTypeDomain", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureLeasesAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Long-Lived Tangible Asset [Domain]", "documentation": "Listing of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale. Examples include land, buildings, machinery and equipment, and other types of furniture and equipment including, but not limited to, office equipment, furniture and fixtures, and computer equipment and software." } } }, "auth_ref": ["r62", "r396"] }, "ecd_PvpTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PvpTable", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Pay vs Performance Disclosure [Table]", "terseLabel": "Pay vs Performance Disclosure" } } }, "auth_ref": ["r670"] }, "ecd_PvpTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PvpTableTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Pay vs Performance [Table Text Block]", "terseLabel": "Pay vs Performance Disclosure, Table" } } }, "auth_ref": ["r670"] }, "srt_RangeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "RangeAxis", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureOrganizationAdditionalInformationDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureBenefitPlanAdditionalInformationDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureCommitmentsAndContingenciesAdditionalInformationDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Statistical Measurement [Axis]", "terseLabel": "Statistical Measurement" } } }, "auth_ref": ["r234", "r235", "r236", "r237", "r267", "r276", "r304", "r305", "r306", "r314", "r363", "r415", "r424", "r441", "r479", "r481", "r489", "r499", "r500", "r557", "r558", "r559", "r560", "r561", "r563", "r564", "r578", "r584", "r595", "r605", "r606", "r610", "r611", "r616", "r622", "r768", "r776", "r813", "r824", "r825", "r826", "r827", "r828"] }, "srt_RangeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "RangeMember", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureOrganizationAdditionalInformationDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureBenefitPlanAdditionalInformationDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureCommitmentsAndContingenciesAdditionalInformationDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Statistical Measurement [Domain]", "terseLabel": "Statistical Measurement" } } }, "auth_ref": ["r234", "r235", "r236", "r237", "r267", "r276", "r304", "r305", "r306", "r314", "r363", "r415", "r424", "r441", "r479", "r481", "r489", "r499", "r500", "r557", "r558", "r559", "r560", "r561", "r563", "r564", "r578", "r584", "r595", "r605", "r606", "r610", "r611", "r616", "r622", "r768", "r776", "r813", "r824", "r825", "r826", "r827", "r828"] }, "ecd_RecoveryOfErrCompDisclosureLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RecoveryOfErrCompDisclosureLineItems", "lang": { "en-us": { "role": { "label": "Recovery of Erroneously Awarded Compensation Disclosure [Line Items]", "terseLabel": "Recovery of Erroneously Awarded Compensation Disclosure" } } }, "auth_ref": ["r637", "r647", "r658", "r690"] }, "us-gaap_RelatedPartyDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyDomain", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureRelatedPartyTransactionsAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Related and Nonrelated Parties [Domain]", "documentation": "Related and nonrelated parties. Related party includes, but is not limited to, affiliate, other entity for which investment is accounted for under equity method, trust for benefit of employee, principal owner, management, and member of immediate family, and other party that may be prevented from pursuing separate interests because of control, significant influence, or ownership interest." } } }, "auth_ref": ["r172", "r274", "r404", "r405", "r454", "r461", "r502", "r503", "r504", "r505", "r506", "r526", "r528", "r556"] }, "us-gaap_RelatedPartyMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyMember", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureRelatedPartyTransactionsAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Related Party [Member]", "terseLabel": "Related Party", "documentation": "Party related to reporting entity. Includes, but is not limited to, affiliate, entity for which investment is accounted for by equity method, trust for benefit of employees, and principal owner, management, and members of immediate family." } } }, "auth_ref": ["r130", "r131", "r404", "r405", "r406", "r407", "r454", "r461", "r502", "r503", "r504", "r505", "r506", "r526", "r528", "r556"] }, "avir_RelatedPartyTransactionEntityControlledByDirectorNumber": { "xbrltype": "stringItemType", "nsuri": "http://www.ateapharma.com/20240930", "localname": "RelatedPartyTransactionEntityControlledByDirectorNumber", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureRelatedPartyTransactionsAdditionalInformationDetails"], "lang": { "en-us": { "role": { "documentation": "The number of Company directors in control of a related party entity.", "label": "Related Party Transaction Entity Controlled By Director Number", "terseLabel": "Number of company directors in control of related party entity" } } }, "auth_ref": [] }, "us-gaap_RelatedPartyTransactionLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionLineItems", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureRelatedPartyTransactionsAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Related Party Transaction [Line Items]", "terseLabel": "Related Party Transaction [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r172", "r532", "r533", "r536"] }, "us-gaap_RelatedPartyTransactionsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionsAbstract", "lang": { "en-us": { "role": { "label": "Related Party Transactions [Abstract]" } } }, "auth_ref": [] }, "us-gaap_RelatedPartyTransactionsByRelatedPartyAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionsByRelatedPartyAxis", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureRelatedPartyTransactionsAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Related and Nonrelated Parties [Axis]", "documentation": "Information by related and nonrelated parties. Related party includes, but is not limited to, affiliate, other entity for which investment is accounted for under equity method, trust for benefit of employee, principal owner, management, and member of immediate family, and other party that may be prevented from pursuing separate interests because of control, significant influence, or ownership interest." } } }, "auth_ref": ["r172", "r274", "r404", "r405", "r454", "r461", "r502", "r503", "r504", "r505", "r506", "r526", "r528", "r556", "r820"] }, "us-gaap_RelatedPartyTransactionsDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionsDisclosureTextBlock", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureRelatedPartyTransactions"], "lang": { "en-us": { "role": { "label": "Related Party Transactions Disclosure [Text Block]", "terseLabel": "Related Party Transactions", "documentation": "The entire disclosure for related party transactions. Examples of related party transactions include transactions between (a) a parent company and its subsidiary; (b) subsidiaries of a common parent; (c) and entity and its principal owners; and (d) affiliates." } } }, "auth_ref": ["r401", "r402", "r403", "r405", "r408", "r493", "r494", "r495", "r534", "r535", "r536", "r554", "r555"] }, "srt_RepurchaseAgreementCounterpartyNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "RepurchaseAgreementCounterpartyNameDomain", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureCollaborationAgreementAdditionalInformationDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureCommitmentsAndContingenciesAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Counterparty Name [Domain]", "terseLabel": "Counterparty Name" } } }, "auth_ref": ["r132", "r133", "r249", "r253", "r407", "r425", "r451", "r569", "r570"] }, "avir_ResearchAndDevelopmentCreditAdjustment": { "xbrltype": "monetaryItemType", "nsuri": "http://www.ateapharma.com/20240930", "localname": "ResearchAndDevelopmentCreditAdjustment", "crdr": "credit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureCollaborationAgreementAdditionalInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Research and development net credits adjustment", "documentation": "The aggregate credit recorded during the period to research and development expense as a result of adjustments to amounts originally reported and the close out of certain activities.", "label": "Research and Development Credit Adjustment" } } }, "auth_ref": [] }, "us-gaap_ResearchAndDevelopmentExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchAndDevelopmentExpense", "crdr": "debit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedStatementsOfOperationsAndComprehensiveIncomeLossUnaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Research and development expense", "label": "Research and Development Expense", "terseLabel": "Research and development", "totalLabel": "Research and Development Expense, Total", "documentation": "Amount of expense for research and development. Includes, but is not limited to, cost for computer software product to be sold, leased, or otherwise marketed and writeoff of research and development assets acquired in transaction other than business combination or joint venture formation or both. Excludes write-down of intangible asset acquired in business combination or from joint venture formation or both, used in research and development activity." } } }, "auth_ref": ["r316", "r565", "r576", "r829"] }, "us-gaap_ResearchAndDevelopmentExpenseMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchAndDevelopmentExpenseMember", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationStockBasedCompensationExpenseDetails"], "lang": { "en-us": { "role": { "label": "Research and Development Expense [Member]", "terseLabel": "Research and Development Expense", "documentation": "Primary financial statement caption in which the reported facts about research and development expense have been included." } } }, "auth_ref": [] }, "ecd_RestatementDateAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RestatementDateAxis", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Restatement Determination Date [Axis]", "terseLabel": "Restatement Determination Date:" } } }, "auth_ref": ["r638", "r648", "r659", "r691"] }, "ecd_RestatementDeterminationDate": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RestatementDeterminationDate", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Restatement Determination Date", "terseLabel": "Restatement Determination Date" } } }, "auth_ref": ["r639", "r649", "r660", "r692"] }, "ecd_RestatementDoesNotRequireRecoveryTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RestatementDoesNotRequireRecoveryTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Restatement Does Not Require Recovery [Text Block]", "terseLabel": "Restatement does not require Recovery" } } }, "auth_ref": ["r646", "r656", "r667", "r699"] }, "us-gaap_RestrictedCashAndCashEquivalentsCashAndCashEquivalentsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCashAndCashEquivalentsCashAndCashEquivalentsMember", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureFairValueMeasurementsScheduleOfFinancialAssetsMeasuredAtFairValueOnRecurringBasisDetails"], "lang": { "en-us": { "role": { "label": "Cash and Cash Equivalents [Domain]", "terseLabel": "Cash and Cash Equivalents", "documentation": "Type of cash and cash equivalent. Cash is currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r104"] }, "us-gaap_RestrictedCashNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCashNoncurrent", "crdr": "debit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsUnaudited"], "lang": { "en-us": { "role": { "terseLabel": "Restricted cash", "label": "Restricted Cash, Noncurrent", "documentation": "Amount of cash restricted as to withdrawal or usage, classified as noncurrent. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits." } } }, "auth_ref": ["r87", "r727", "r733"] }, "us-gaap_RestrictedStockUnitsRSUMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedStockUnitsRSUMember", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureNetLossPerShareSummaryOfAntidilutiveSecuritiesExcludedFromComputationOfNetLossPerShareDetails", "http://www.ateapharma.com/20240930/taxonomy/role/DisclosureStockbasedCompensationSummaryOfRestrictedStockUnitsDetails", "http://www.ateapharma.com/20240930/taxonomy/role/DisclosureStockbasedCompensationSummaryOfStockbasedCompensationExpenseByAwardTypeDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationAdditionalInformationDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationTables"], "lang": { "en-us": { "role": { "terseLabel": "Restricted Stock Units", "label": "Restricted Stock Units (RSUs) [Member]", "documentation": "Share instrument which is convertible to stock or an equivalent amount of cash, after a specified period of time or when specified performance conditions are met." } } }, "auth_ref": [] }, "us-gaap_RetainageDeposit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainageDeposit", "crdr": "debit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureRelatedPartyTransactionsAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Retainage Deposit", "terseLabel": "Annual retainer", "documentation": "The amount of assets, typically cash, provided to suppliers of goods in advance of receipt and acceptance, or services (such as research facilities, lawyers or consultants), which is held by such parties until the entity either effects full payment (including applying the retainer) or obtains release from liability." } } }, "auth_ref": ["r727"] }, "us-gaap_RetainedEarningsAccumulatedDeficit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsAccumulatedDeficit", "crdr": "credit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedBalanceSheetsUnaudited"], "lang": { "en-us": { "role": { "label": "Retained Earnings (Accumulated Deficit)", "totalLabel": "Retained Earnings (Accumulated Deficit), Total", "periodStartLabel": "Retained Earnings (Accumulated Deficit), Beginning Balance", "periodEndLabel": "Retained Earnings (Accumulated Deficit), Ending Balance", "terseLabel": "Accumulated deficit", "documentation": "Amount of accumulated undistributed earnings (deficit)." } } }, "auth_ref": ["r48", "r65", "r459", "r486", "r488", "r491", "r510", "r613"] }, "us-gaap_RetainedEarningsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsMember", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/StatementCondensedConsolidatedStatementsOfStockholdersEquityUnaudited"], "lang": { "en-us": { "role": { "label": "Retained Earnings [Member]", "terseLabel": "Accumulated Deficit", "documentation": "Accumulated undistributed earnings (deficit)." } } }, "auth_ref": ["r100", "r134", "r135", "r136", "r138", "r143", "r145", "r147", "r209", "r210", "r227", "r327", "r328", "r334", "r335", "r336", "r338", "r339", "r340", "r348", "r350", "r351", "r353", "r355", "r388", "r390", "r483", "r485", "r497", "r865"] }, "us-gaap_RevenueFromContractWithCustomerAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerAbstract", "lang": { "en-us": { "role": { "label": "Revenue from Contract with Customer [Abstract]" } } }, "auth_ref": [] }, "us-gaap_RevenueFromContractWithCustomerExcludingAssessedTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerExcludingAssessedTax", "crdr": "credit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedStatementsOfOperationsAndComprehensiveIncomeLossUnaudited"], "lang": { "en-us": { "role": { "label": "Revenue from Contract with Customer, Excluding Assessed Tax", "terseLabel": "Collaboration revenue", "totalLabel": "Revenue from Contract with Customer, Excluding Assessed Tax, Total", "documentation": "Amount, excluding tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax

collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value added and excise." } } }, "auth_ref": ["r79", "r80", "r160", "r163", "r164", "r166", "r168", "r169", "r170", "r171", "r264", "r265", "r443"] }, "us-gaap_RevenueFromContractWithCustomerTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerTextBlock", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureCollaborationAgreement1"], "lang": { "en-us": { "role": { "label": "Revenue from Contract with Customer [Text Block]", "terseLabel": "Collaboration Agreement", "documentation": "The entire disclosure of revenue from contract with customer to transfer good or service and to transfer nonfinancial asset. Includes, but is not limited to, disaggregation of revenue, credit loss recognized from contract with customer, judgment and change in judgment related to contract with customer, and asset recognized from cost incurred to obtain or fulfill contract with customer. Excludes insurance and lease contracts." } } }, "auth_ref": ["r97", "r256", "r257", "r258", "r259", "r260", "r261", "r262", "r263", "r266"] }, "avir_RocheLicenseAgreementMember": { "xbrltype": "domainItemType", "nsuri": "http://www.ateapharma.com/20240930", "localname": "RocheLicenseAgreementMember", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureCollaborationAgreementAdditionalInformationDetails"], "lang": { "en-us": { "role": { "documentation": "Roche license agreement.", "label": "Roche License Agreement [Member]", "terseLabel": "Roche License Agreement" } } }, "auth_ref": [] }, "ecd_Rule10b51ArrAdoptedFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Rule10b51ArrAdoptedFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Rule 10b5-1 Arrangement Adopted [Flag]", "terseLabel": "Rule 10b5-1 Arrangement Adopted" } } }, "auth_ref": ["r708"] }, "ecd_Rule10b51ArrTrmntdFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Rule10b51ArrTrmntdFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Rule 10b5-1 Arrangement Terminated [Flag]", "terseLabel": "Rule 10b5-1 Arrangement Terminated" } } }, "auth_ref": ["r708"] }, "us-gaap_SaleOfStockNameOfTransactionDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SaleOfStockNameOfTransactionDomain", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureOrganizationAdditionalInformationDetails", "http://www.ateapharma.com/20240930/taxonomy/role/DisclosureStockbasedCompensationSummaryOfStockbasedCompensationExpenseByAwardTypeDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Sale of Stock [Domain]", "documentation": "Sale of the entity's stock, including, but not limited to, initial public offering (IPO) and private placement." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfAccruedLiabilitiesTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAccruedLiabilitiesTableTextBlock", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureAccruedExpensesAndOtherCurrentLiabilitiesTables"], "lang": { "en-us": { "role": { "label": "Schedule of Accrued Liabilities [Table Text Block]", "terseLabel": "Schedule of Accrued Expenses and Other Current Liabilities", "documentation": "Tabular disclosure of the components of accrued liabilities." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTable", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureNetLossPerShareSummaryOfAntidilutiveSecuritiesExcludedFromComputationOfNetLossPerShareDetails"], "lang": { "en-us": { "role": { "label": "Antidilutive Security, Excluded EPS Calculation [Table]", "documentation": "Disclosure of information about security that could potentially dilute basic earnings per share (EPS) in future that was not included in calculation of diluted EPS." } } }, "auth_ref": ["r19"] }, "us-gaap_ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureNetLossPerShareTables"], "lang": { "en-us": { "role": { "terseLabel": "Summary of Antidilutive Securities Excluded from Computation of Net Loss Per Share", "label": "Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share [Table Text Block]", "documentation": "Tabular disclosure of securities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) in the future that were not included in the computation of diluted EPS because to do so would increase EPS amounts or decrease loss per share amounts for the period presented, by antidilutive securities." } } }, "auth_ref": ["r19"] }, "us-gaap_ScheduleOfAvailableForSaleSecuritiesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAvailableForSaleSecuritiesLineItems", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureMarketableSecuritiesScheduleOfMarketableSecuritiesDetails"], "lang": { "en-us": { "role": { "label": "Debt Securities, Available-for-Sale [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r177", "r178", "r179", "r180", "r181", "r182", "r183", "r184", "r185", "r186", "r187", "r188"] }, "us-gaap_ScheduleOfCompensationCostForSharesBasedPaymentArrangementsAllocationOfShareBasedCompensationCostsByPlanTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfCompensationCostForSharesBasedPaymentArrangementsAllocationOfShareBasedCompensationCostsByPlanTableTextBlock", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationTables"], "lang": { "en-us": { "role": { "terseLabel": "Summary of Stock-based Compensation Expense by Award Type", "label": "Share-Based Payment Arrangement, Cost by Plan [Table Text Block]", "documentation": "Tabular disclosure of cost recognized for award under share-based payment arrangement by plan. Includes, but is not limited to, related tax benefit." } } }, "auth_ref": ["r31"] }, "us-gaap_ScheduleOfDefinedBenefitPlansDisclosuresTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfDefinedBenefitPlansDisclosuresTable", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureBenefitPlanAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Defined Benefit Plan [Table]", "terseLabel": "Schedule Of Defined Benefit Plans Disclosures [Table]", "documentation": "Disclosure of information about individual defined benefit pension plan or other postretirement defined benefit plan. It may be appropriate to group certain similar plans. Also includes schedule for fair value of plan assets by major categories of plan assets by the level within the fair value hierarchy in which the fair value measurements in their entirety fall, segregating fair value measurements using quoted prices in active markets for identical assets or liabilities (Level 1), Significant other observable inputs (Level 2), and significant unobservable inputs (Level 3)." } } }, "auth_ref": ["r6", "r25", "r26", "r27", "r28"] }, "us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureNetLossPerShareTables"], "lang": { "en-us": { "role": { "label": "Schedule of Earnings Per Share, Basic and Diluted [Table Text Block]", "terseLabel": "Summary of Basic and Diluted Earnings Per Share", "documentation": "Tabular disclosure of an entity's basic and diluted earnings per share calculations, including a reconciliation of numerators and denominators of the basic and diluted per-share computations for income from continuing operations." } } }, "auth_ref": ["r740"] }, "us-gaap_ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTable", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureStockbasedCompensationSummaryOfStockbasedCompensationExpenseByAwardTypeDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationStockBasedCompensationExpenseDetails"], "lang": { "en-us": { "role": { "label": "Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Table]", "terseLabel": "Schedule Of Employee Service Share Based Compensation Allocation Of Recognized Period Costs [Table]", "documentation": "Disclosure of information about amount recognized for award under share-based payment arrangement. Includes, but is not limited to, amount expensed in statement of income or comprehensive income, amount capitalized in statement of financial position, and corresponding reporting line item in financial statements." } } }, "auth_ref": ["r31"] }, "us-gaap_ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTextBlock", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationTables"], "lang": { "en-us": { "role": { "label": "Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Table Text Block]", "terseLabel": "Schedule of Stock-based Compensation Expense", "documentation": "Tabular disclosure of allocation of amount expensed and capitalized for award under share-based payment arrangement to statement of income or comprehensive income and statement of financial position. Includes, but is not limited to, corresponding line item in financial statement." } } }, "auth_ref": ["r31"] }, "us-gaap_ScheduleOfRelatedPartyTransactionsByRelatedPartyTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRelatedPartyTransactionsByRelatedPartyTable", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureRelatedPartyTransactionsAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Related Party Transaction [Table]", "terseLabel": "Schedule Of Related Party Transactions By Related Party [Table]", "documentation": "Disclosure of information about related party transaction." } } }, "auth_ref": ["r35", "r36", "r532", "r533", "r536"] }, "us-gaap_ScheduleOfShareBasedCompensationArrangementsByShareBasedPaymentAwardTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedCompensationArrangementsByShareBasedPaymentAwardTable", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureStockbasedCompensationSummaryOfRestrictedStockUnitsDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationAdditionalInformationDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationTables"], "lang": { "en-us": { "role": { "label": "Schedule of Share-Based Compensation Arrangements by Share-Based Payment Award [Table]", "terseLabel": "Schedule Of Share Based Compensation Arrangements By Share Based Payment Award [Table]", "documentation": "Disclosure of information about share-based payment arrangement." } } }, "auth_ref": ["r278", "r280", "r282", "r283", "r284", "r285", "r286", "r287", "r288", "r289", "r290", "r291", "r292", "r293", "r294", "r295", "r296", "r297", "r298", "r299", "r300", "r301", "r302", "r303", "r304", "r305", "r306", "r307"] }, "us-gaap_ScheduleOfShareBasedCompensationRestrictedStockUnitsAwardActivityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedCompensationRestrictedStockUnitsAwardActivityTableTextBlock", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationTables"], "lang": { "en-us": { "role": { "label": "Share-Based Payment Arrangement, Restricted Stock Unit, Activity [Table Text Block]", "terseLabel": "Summary of Restricted Stock Units", "documentation": "Tabular disclosure of the number and weighted-average grant date fair value for restricted stock units that were outstanding at the beginning and end of the year, and the number of restricted stock units that were granted, vested, or forfeited during the year." } } }, "auth_ref": ["r70"] }, "us-gaap_ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationTables"], "lang": { "en-us": { "role": { "label": "Share-Based Payment Arrangement, Option, Activity [Table Text Block]", "terseLabel": "Summary of Stock Options Activity", "documentation": "Tabular disclosure for stock option plans. Includes, but is not limited to, outstanding awards at beginning and end of year, grants, exercises, forfeitures, and weighted-average grant date fair value." } } }, "auth_ref": ["r9", "r10", "r70"] }, "dei_Security12bTitle": { "xbrltype": "securityTitleItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "Security12bTitle", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Title of 12(b) Security", "terseLabel": "Title of 12(b) Security", "documentation": "Title of a 12(b) registered security." } } }, "auth_ref": ["r631"] }, "dei_SecurityExchangeName": { "xbrltype": "edgarExchangeCodeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "SecurityExchangeName", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DocumentDocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Security Exchange Name", "terseLabel": "Security Exchange Name", "documentation": "Name of the Exchange on which a security is registered." } } }, "auth_ref": ["r633"] }, "us-gaap_ShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensation", "crdr": "debit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_StatementCondensedConsolidatedStatementsOfCashFlowsUnaudited"], "lang": { "en-us": { "role": { "label": "Share-Based Payment Arrangement, Noncash Expense", "terseLabel": "Stock-based compensation expense", "totalLabel": "Share-based Payment Arrangement, Noncash Expense, Total", "documentation": "Amount of noncash expense for share-based payment arrangement." } } }, "auth_ref": ["r3"] }, "avir_ShareBasedCompensationArrangementByShareBasedPaymentAwardAnnualIncreasePercentage": { "xbrltype": "percentItemType", "nsuri": "http://www.ateapharma.com/20240930", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardAnnualIncreasePercentage", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationAdditionalInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Percentage of shares of common stock Outstanding", "label": "Share Based Compensation Arrangement By Share Based Payment Award Annual Increase Percentage", "documentation": "The maximum increase in the number of shares that may be issued under a share-based payment arrangement on the first day of each fiscal year, as a percentage of shares outstanding.", "verboseLabel": "Percentage of shares of common stock Outstanding" } } }, "auth_ref": [] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardRequisiteServicePeriod1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardRequisiteServicePeriod1", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Award Requisite Service Period", "terseLabel": "Vesting service period", "documentation": "Estimated period over which an employee is required to provide service in exchange for the equity-based payment award, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days." } } }, "auth_ref": ["r596"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Period", "terseLabel": "Vesting contractual term", "documentation": "Period over which grantee's right to exercise award under share-based payment arrangement is no longer contingent on satisfaction of service or performance condition, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Includes, but is not limited to, combination of market, performance or service condition." } } }, "auth_ref": ["r596"] }, "avir_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOptionsGrantedInPeriodAggregateGrantDateFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://www.ateapharma.com/20240930", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOptionsGrantedInPeriodAggregateGrantDateFairValue", "crdr": "credit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationAdditionalInformationDetails"], "lang": { "en-us": { "role": { "label": "Share Based Compensation Arrangement By Share Based Payment Award Equity Instruments Options Granted In Period Aggregate Grant Date Fair Value", "terseLabel": "Aggregate average grant date fair value per option granted", "documentation": "The aggregate grant date fair value of options granted during the period." } } }, "auth_ref": [] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureStockbasedCompensationSummaryOfRestrictedStockUnitsDetails",

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stock or unit appreciation rights plan, performance target plan)." } } }, "auth_ref": ["r296"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureStockbasedCompensationSummaryOfRestrictedStockUnitsDetails", "http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationAdditionalInformationDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Stock units outstanding", "terseLabel": "Number Of Shares,Outstanding", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number", "periodStartLabel": "Number of shares, Outstanding", "periodEndLabel": 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awards under the plan; and 2) shares (or other type of equity) reserved for issuance on granting of outstanding awards, net of cancellations and forfeitures, if applicable." } } }, "auth_ref": ["r29"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsAdditionalDisclosuresAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsAdditionalDisclosuresAbstract", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureStockbasedCompensationSummaryOfStockOptionsActivityDetails"], "lang": { "en-us": { "role": { "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Additional Disclosures [Abstract]", "terseLabel": "Weighted Average Remaining Contractual Term and Aggregate Intrinsic Value" } } }, "auth_ref": [] }, 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Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Number", "periodStartLabel": "Number of Shares, Outstanding", "periodEndLabel": "Number of Shares, Outstanding", "documentation": "Number of options outstanding, including both vested and non-vested options." } } }, "auth_ref": ["r285", "r286"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingRollForward": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingRollForward", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureStockbasedCompensationSummaryOfStockOptionsActivityDetails"], "lang": { "en-us": { "role": { "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding [Roll Forward]", "documentation": "A roll forward is a reconciliation of a concept from the beginning of a period to the end of a period." } } }, "auth_ref": [] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageExercisePrice": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageExercisePrice", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureStockbasedCompensationSummaryOfStockOptionsActivityDetails"], "lang": { "en-us": { "role": { "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Exercise Price", "periodStartLabel": "Weighted Average Exercise Price Per Share, Outstanding", "periodEndLabel": "Weighted Average Exercise Price Per Share, Outstanding", "documentation": "Weighted average price at which grantees can acquire the shares reserved for issuance under the stock option plan." } } }, "auth_ref": ["r285", "r286"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageExercisePriceRollforward": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageExercisePriceRollforward", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureStockbasedCompensationSummaryOfStockOptionsActivityDetails"], "lang": { "en-us": { "role": { "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Exercise Price [Abstract]", "terseLabel": "Weighted Average Exercise Price Per Share" } } }, "auth_ref": [] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestExercisableAggregateIntrinsicValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestExercisableAggregateIntrinsicValue", "crdr": "debit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureStockbasedCompensationSummaryOfStockOptionsActivityDetails"], "lang": { "en-us": { "role": { "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Exercisable, Aggregate Intrinsic Value", "terseLabel": "Aggregate Intrinsic Value, Vested and exercisable", "documentation": "Amount by which current fair value of underlying stock exceeds exercise price of fully vested and expected to vest exercisable or convertible options. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur." } } }, "auth_ref": ["r302"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestExercisableNumber": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestExercisableNumber", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureStockbasedCompensationSummaryOfStockOptionsActivityDetails"], "lang": { "en-us": { "role": { "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Exercisable, Number", "terseLabel": "Number of Shares, Vested and exercisable", "documentation": "Number of fully vested and expected to vest exercisable options that may be converted into shares under option plan. 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Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur." } } }, "auth_ref": ["r302"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingAggregateIntrinsicValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingAggregateIntrinsicValue", "crdr": "debit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureStockbasedCompensationSummaryOfStockOptionsActivityDetails"], "lang": { "en-us": { "role": { "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Aggregate Intrinsic Value", "terseLabel": "Aggregate Intrinsic Value, Vested and expected to vest", "documentation": "Amount by which current fair value of underlying stock exceeds exercise price of fully vested and expected to vest options outstanding. 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Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur." } } }, "auth_ref": ["r301"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingWeightedAverageExercisePrice": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingWeightedAverageExercisePrice", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureStockbasedCompensationSummaryOfStockOptionsActivityDetails"], "lang": { "en-us": { "role": { "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Weighted Average Exercise Price", "terseLabel": "Weighted Average Exercise Price Per Share, Vested and expected to vest", "documentation": "Weighted-average exercise price, at which grantee can acquire shares reserved for issuance, for fully vested and expected to vest options outstanding. 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Contractual Term (years), Vested and exercisable", "documentation": "Weighted average remaining contractual term for fully vested and expected to vest exercisable or

convertible options, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur." } } }, "auth_ref": ["r302"] }, "us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingWeightedAverageRemainingContractualTerm1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingWeightedAverageRemainingContractualTerm1", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/DisclosureStockbasedCompensationSummaryOfStockOptionsActivityDetails"], "lang": { "en-us": { "role": { "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Weighted Average Remaining Contractual Term", "terseLabel": "Weighted Average Remaining Contractual Term (years), Vested and expected to vest", "documentation": "Weighted average remaining contractual term for fully vested and expected to vest options outstanding, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur." } } }, "auth_ref": ["r301"] }, "avir_SharesOfCommonStockMember": { "xbrltype": "domainItemType", "nsuri": "http://www.ateapharma.com/20240930", "localname": "SharesOfCommonStockMember", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "documentation": "Shares of common stock", "label": "Shares of Common Stock" } } }, "auth_ref": [] }, "us-gaap_SharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SharesOutstanding", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/StatementCondensedConsolidatedStatementsOfStockholdersEquityUnaudited"], "lang": { "en-us": { "role": { "label": "Shares, Outstanding", "periodEndLabel": "Balance, shares", "periodStartLabel": "Balance, shares", "documentation": "Number of shares issued which are neither cancelled nor held in the treasury." } } }, "auth_ref": [] }, "avir_SignificantAccountingPoliciesPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.ateapharma.com/20240930", "localname": "SignificantAccountingPoliciesPolicyTextBlock", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureSummaryOfSignificantAccountingPoliciesPolicies"], "lang": { "en-us": { "role": { "documentation": "Disclosure of accounting policy for significant accounting policies.", "label": "Significant Accounting Policies Policy [Text Block]", "terseLabel": "Significant Accounting Policies" } } }, "auth_ref": [] }, "us-gaap_StateAndLocalIncomeTaxExpenseBenefitContinuingOperations": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StateAndLocalIncomeTaxExpenseBenefitContinuingOperations", "crdr": "debit", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureIncomeTaxesAdditionalInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "State income taxes", "label": "State and Local Income Tax Expense (Benefit), Continuing Operations", "totalLabel": "State and Local Income Tax Expense (Benefit), Continuing Operations, Total", "documentation": "Amount of current and deferred state and local tax expense (benefit) attributable to income (loss) from continuing operations. Includes, but is not limited to, current and deferred regional, territorial, and provincial tax expense (benefit) for non-US (United States of America) jurisdiction." } } }, "auth_ref": ["r319", "r735", "r806", "r807"] }, "us-gaap_StatementEquityComponentsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementEquityComponentsAxis", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/Role_DisclosureStockBasedCompensationAdditionalInformationDetails", "http://www.ateapharma.com/20240930/taxonomy/role/StatementCondensedConsolidatedStatementsOfStockholdersEquityUnaudited"], "lang": { "en-us": { "role": { "label": "Equity Components [Axis]", "terseLabel": "Equity Components", "documentation": "Information by component of equity." } } }, "auth_ref": ["r8", "r46", "r49", "r50", "r100", "r117", "r118", "r119", "r134", "r135", "r136", "r138", "r143", "r145", "r147", "r161", "r209", "r210", "r227", "r255", "r327", "r328", "r334", "r335", "r336", "r338", "r339", "r340", "r348", "r349", "r350", "r351", "r352", "r353", "r355", "r381", "r383", "r384", "r385", "r386", "r387", "r388", "r390", "r400", "r466", "r483", "r484", "r485", "r497", "r551"] }, "us-gaap_StatementLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementLineItems", "presentation": ["http://www.ateapharma.com/20240930/taxonomy/role/StatementCondensedConsolidatedStatementsOfStockholdersEquityUnaudited"], "lang": { "en-us": { "role": { "label": "Statement [Line Items]", "terseLabel": "Statement [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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J3HHES+>@A92=\Z*?Y^*& MF 8@34& /8U SG *AP,WC'5%$IAHO]O_'I M]&V:;HA'D=D\B9PH3- 119$3*P"/-,NU]MXQ%CH;\>R;\%@.=:ZK_(;3F, < M*HAU0H)X-SAETSO"]-
*%]DH%U]F,G0=37+T=RY=+:@IA.>%Y[D#4>TXT]IS/ MA>1.,^:IZ1SQ/8;BZDX)@06NP0ACZ^(:D M&120^QIG7!'@"ZH(GS$0/6,ZD
MZFZ"1(=]MT^M'^UV+%I>,*T26+3&8Y:!#8)H_,,KV7&4H#T:K[HWL7%?4A6MK M%0.#SVH)FW=.$IVX)+GF+#!;Y+[HK#G_TE9'^Z. ?Z'$/P6>?$G8_PX:P%G# ML!],1^'!I&]R6[@B"4VDUQAW-
A3L\CR! 2:HT"*&:!]\VXM;,IK[7&?316 M&$.2\@H!Q):6$;@$[YG7&9FW)5L@29KRPA'O)8Z>"IPXBUY MS@L;E3>LNU[<[GG:ULGWD^>*)4V< N8O$I.8F<4)SG4 F5PD570VWZC[.>%K M=
(GF/'>1,["@!"^(B,D0[0 3@J4%R&[Q]S+%(.G%,_X3]7<$^$+$ 7 MP"PF4U+3 C,22&3Z,[,TVW&,S?#0W.A5<3&P4YA6K+#6E#N'&&FYBLSQ5] M\+KS-GR8F[%
T>YJ(QOP#MRK)O1@QM;G4ELG0DZD2B#\DLXQ(T20 M@L>4]^2TZVXCK@X;PH\|<7<;:IJCR:H"WXR 0?3UZ002'"@K"2&C.&=M7H?
MLECN0LYTY$1%;"R)W)&3/22>,$9*Q@U7G46&1Y6YM-]S]1=IX6?E%-Y MU$1:]HJI' 1Q 3O%@GT'S"(Z;SJ;I-29TJ]EFV%=*H>@A7&*:3#I&.8/!V#D M*@5B7%%8O&0/6,ZD
S!4F*%5SP:;EUW,]R[%DGO0.12"!EY[D'@U[H8BX* >D:)\9HG M&Z7*NYL8T\ MYYQX[#\R09BHW D!?@SIA32@V_W=\B<$L&@DT^5SJ0(@J0
L)A5PAKB/)!8"_ZZ(B49+>%>8F,W)HEFF)YL"D!=2:./G76,/I#4 MEW4J+*$0WN<&$!0'/J8BD'KTF=,4N(W7\/_.BH&U%X-H5
M5G9WCLFJ40L=B$5N)^P@F9>1.NQRP=]2:*LQP=4EGL=>L5\ M'G.JL^/U(=:%%N(H*.1LG;W@C(<5"!&*H89GI;F(=>YZ6S@HBLQ MPB\HD11(Y(Q23K9N5:YW5-G-N/KE+EP5OM
6,). MN#$G@$ #AB$_ 55,L4M ;[WOQT*GFMI'T"V"\$_,K*"^LX40SJ8DP*A*:,T&" MUUPPJRWPPZZ"L6N*9@U[-Y)?2N]?%U.:JF%]@[=']XZ!7NY50;3V!:'>%CE-T4O;V=3+ M)I(T1Z#?
OKXVQ2[ET4:LN=F'0SIO%/OZZPG.4>A4W&%MII9V1K,\$2^Q@RNF M[+F4 +C,1.49-:'#13%;I\E-<>C 30#UW5-L19('0ZSTEN2ZD)SJ9"5]*[& M[0=]U]7O0.J8?*":>*6QIIX94"M")
5G*0A0Y?/N]@W;/@5U@05:I[0T: MP7!LKR4:*]!84DF#U:R*U-F(V[9GCVQ(/_?*1.X9@ #S*(H QK"1.9%222:B MIX%U5RAUS
3>$(02F*\1V*@/R0#32Q+SDG&,LI,,YSQJUUD/;2>;O*P1-J D M1$FE)C'EZ$"BD5C-&0E&*/0D21$[!YO'T!?\8<9:"IF#16<Z0#YB18*R))!WR4)D]$@#5HH3GQ3+ED=1&8
M[6S&7V?:S'1!'@;I3:\83++;K7?.1&SNY?XRB6=K@_M"OOA>#_: (E:5(0<L[N["#J/24A"/=:#41""#A0;4AB9(BB\UOKNIMEWQ]>S
M1F=W$9++I2J(C!B.=&"$&$L=4=HGRWPAJ>^;M)\[%"V_#:$9W*2!8^AD!SXK!.*&&TMX8%3H5U> MI+3Q)(.'(9$4@X.*E!*00* N>I,3PSTETEG/0V[S@C\H_K>0MK<_R]R#[]9
M"=]=UA,:OJIRZB/SCDACL"(8A"9.%2':%BX$HZ)FG4WDN4;3@5_'I{$.]PKEC5&*;)ARE8"CQLHC1.FV2[IS^ M&WW86]E*\7=;#NQ^"6?QU?YM7!I:NZ($ONE3:0/V*RG+A3?
5\KYZGS;::V%# M$!=!"TLTUTMFWQ=* <6,E(%>>4J,*B?BUP MGJ,@A#I?J&^2+6AG4^XZXTW:3+VATJQP'--GN:5H^A3$!!%)+'C.A1=,1-Y5 MT/3MJ9[2=$ %RB
S@A.;7ZUH"I20>21- F6!M$>,*:XET9RMH"/\K$Q(&G M$QJPL)SFBFBF$XE6>F&\<*KH[-2Q+C2KVDPX3H'BE+N< U]W%I/1'-'&&E)0 M42A;%
(S9'BK75FO7)GQ#"LP4!CL&UWGKFC@<-2:C3048OA*,F:Y"I6MNXRWX M!U6BN:=!8,-L,5SE;DV]V\(6W7L*Q/W2BNE>]UDZ4-04TJ^'ROV?$,$0^
MV"&8N_O'<)^WK\;#H2VKV@B> Z56VN+B(]Z!<"XM:&VS+X_KKI'QET5U%IPI MD-2O9BN8_33[O/)^_/)5'(V/0058\=CVP&K3_%O/77K$\^75+URVXC0^6% ? M
+#/+KZZ(=GVUV^]>\5#3Z8+I[B\%_SIAD]KM9RSU4N<_7K#AS9G>L4BOW_@ MJ_#JX-6EQUT3+58\#55!.QPBH:S>]\(%WW[T\\'7/=C->%KZ6#4?CZ(--4$"
MCOSR+UGV$_R=59.S(3":$QO0.40FXY,lNBL'HQ?_0P:C$+_ND?P%X!@YBH/# MHTG[V\FXJG.\X0W#.K+^PHV_DFKP/_"(/3SB9O2$!:>(E<8_1 MD\F+8UL>PF/K|[VH?TOV>#
\V]LO026>_>S&D\GX&*Y JB9V.#@<[0UCFN"3 MJQ.[FCW\RQ0-X%O?-PI*2/Y4MJ3%Q?>N.(E\(8O@S YVDN#":EYQP@?_;__ME17TQ4_/\0UP7"<+1S;?3KM+7# _;E2>3+(RG;AA?
+!XDF[UU'=O&%@&QO.'& MB[OM>VG'&]Z)'P_'Y=Z_TOJ_%U?OZTN#B&X\#(N'JV^TTS_>O?WT^E5V\&G_MT^N#I[#A@]O_^_)O^^]^?9V]?/_[IV\/#MZ^?_

"W&9/T+_,";O=VK=I.U^] MK*7#0=[<\\KFN&I&4HV'@S"[MJQWC>^_*RNX8DE/GA6\>?_O]VRVT<55?/>) ML&J0IJ/OJ-;O!KZ6X6\^YU0[G1NPV%S"7KD)S&]PL^MAZU$&
[L!$>):UFNK' MF-!JT%QY'2TCUD5LLZX$,31PX]PN&'=:&,]?92.+-@%6E+P;^]IAA+;6-@^/ M4?+W,9(L'<8O6Z,K^OBH2N 6[]XEW0TU;H89/V"94?9^%'^\L-V)!37I@A:% MBT#5$7:
OY*A/1M/)_#$KS&\:)[.*T%>+4W>#3<3]H(5N6)Q8(V>"\,\')Y> MSAY],J@&C $<$V%O=G5[$5P5YN"M'R[^LJC MIMH--CG5]QBBN_=\]/S27EQ M4:T67<-WY?E_@?T15T;
[YU[])\O5]Q[1C4U&<'),-#*3V,Y :-VV&+ \2"$ M!86T;/7W^M*-*^:K6:/6ME#,Y\360U^P',?(9.&C=TPDFNSQT8$N-)P"T-5#*U41OE"A>?)]- L*$ M!P?H39S8W _8__CI]Y+D.^GAS:
MM*)S,ZOVS;C,)D,,++&>99%L//#]U2@U>^Z0@5RW)DB&9S*A3YLQ06Q M-A,3SPW.N%P7G7^H- &Z<=DN4?E>@& (,;SE"&\CP9Z1LVA+$D?;A,-!
M/)DT+EAT:UX^]'M=S,YZX4Z3<841V($K)R(&033+*6&,)Z<3E<;%=<'IS: "_M%O@(@.<;*:;)D313?T]IGX]Y?AQ<9SW'WO=K]?I6MX -*V4%XPD4^ <$ UT
M;A4E6M#HI2R**,W:S&), *D]U)U0_D2GE;\;?F ;#*^^-73$%]8,C*H,#">O1F M):!5UM;ZUZ$K5. M2AR"Y*37P->PMDQ&,(NE M!W_53LX?SU?'6*[R?FNEH]@;1781S\4=7T<(T60-
HA"!WUW%T^#VA_C85W9 M/9I@?_6UHO<56[X*4/N3:+,/1Q94#!^GM72N=K*W([^[-O6_"W&5F]\'#Z^_M6C_)$#;9.&7GT,ILE1V<1(_)2B$;C++!I,I>'M5.B8O.XCY]<']\X!9Y%6O8
MQY))N AE.YV,7ZS/1ER"8?WL.UF-DM[<;/S^/6LT&R\#]N*B+A@2#4ILQCI< M)I+5@H.G0&NW$2MP#&Q$[4@4GC!@_H544;E"K$=P8 ^1I@_B '.# 3M>CJ>C M27GV29/ M67R:60= B5<82=$(="SRG.BC'(Y3S'2_.ZAEX;;IH=0QJ[]__IM,*I;[FX* M\SB7V1LP&_X<@]5P,"ECG'R'KY6YJ)O2.=AR[1PM%K+'PARZ$ M+8R)*:!-08%0$ H'4[@[XZ!D7T/>;8<
A&!"]D03[PM*X%\%T84J2'*>,H:= M>?(U.1[:,W\)_WO??AI_V:1*^-=Q-1F/.HSQN8Q%E#DG N=,B0(T=A>5)-QQ MJ[64GL>XUF.OE8'WY0=0R$%JKL/O<l7V?]_?
TKEG#TS3=RDJPUDD- 9&!#6) M:&XTD4SQR!3P0ZO7B@,?QE@%_\-3FJ+;7. H)RQZW"\7L_H]+7PA4=A2EB(,Z)TA?G]3U;UAW/)!N 0?ISM\G?%#8T1T M(4FBH\?1!LH0G;PAN=
(^Y]:&PJN[,EQ4; :(:V)Q=[ZX+14&Q;#MU]:CVL- M"@OF'< -%%BAP78(!L'K LFCB%*\)%7^SK8#]DL>?C@:CSH0% 9#B6AM;AH3 M[C134#?C">=!L?]KYHS]:+*)G$83Q!
V:B&T$X&XG XQ6!79H$< 0'"I9]* M^S]<[_#^F^U^]|S_\>SD7A'VS;@$ZJP9RDX=*($/MM7=["C,ODIU;FZ&R=: MORGS1]B\%-0TM-
BRH:TF65DGYFTFWG=8:WR!E@M[A%W\MKOK^;;WA#]/UX0ZYF\]M] M KHC\OG*S&AL+(G<(EI_E'D0I-7M7")7'DSVKZG^C^;W>$0K#^4&S5GNONV' MB@]-2^?
O!%^ZOHN#LV/X_8?;NO=Z7'X4N#Q+%*U96_S:F P9]$CP6/CF7(^Z MH>/=W+7HLQAO;' L^=[-]_Z(L W4K,\51!%BDMD6-V=::%+?B MV%< U#QD_G']+6ZX=N
;6,L"Y4+;!S4EHB<%\3D*2?*<6N\$5RG.[L[6_G8 M")CUH>S^?[[]V*/CXT)'GP<&?)0*+GE@HC$:HG/X(WF;4Y.,]K.^5,S)O]Z ME6YUWE^;\P'[,CFR5I<$PALP. MAZV?
%OU8_YP.T(LU&6.K!S35IMRW-:=M> %FV$\NKCP9RS'S0+\ M.C]L+X5M^EC'.!C/ZHX=5?8#/]H(ZNFH/Y51V.L#YI5K$Z.[.3BVK_8Y57B M$IN;VSW\N%/[]'_@S1X=4!C\
[OX;Z0"NKR^%FW 5[7.PEKR]%UOOW6AE;! MGE6[6 MB_@WSH:0/(@RCP>3"=!R+;G*\0B5BN%9%D'!,,O>H]3'V2ZG]PS$F+VR$]O4 MAE]@BN=+7G3U?
YS"E8+*M@H21[DCPSP@G[(?4 RI%SSGN^T%DZ-!A>&R$RR& MW#2';-8[9WRQ^G'M;$T9QO+"4)+;E(@H!&;E8A(*
MIR^N6F'],WLQN^R[%UR]OMF%][ZU%U^QUMF5@U'#1X'^"9\IF(M;Y>Y3"&0^ MG/IHIG>UOD5KK5L$([J7L8\U4B%7MI] ;?H/>4W=S8=V2N5]%;[^MYG/7;)?0LX3HLX1OB-
]\M.B=]^?WHO[<,'P&(\)>?GX%QWY] ?P)/ M[@0VF<2R[E/<5K*+4;Q01A9$2Z.(R!4C-@I-E+2\L$9S&=;4YP[O.5+4 (. MQ^79BC!M?5&M'OCVHG5&;-
^M\OKUWW>^ZWW6_ZW[7#W?7#\]9L'ZE\2'@3K_K?M?]KN_- M&'R]_L/H$1S*0T"%;1G&40G.*(LDY%82D1P8N2X%8O-HE/0AT&)-_4EG^/5K
MC5XO&^RZ7P/Y1H/F,EO)L\ZF,@^U;+?.P\[>IF^D<6)GL)79IX,T*I^^S]*/ M(1N-ZZST:=6D@,(_F_*\;"C'$UL:-@RU!E.#AC$*[I?I/_8']; M;IZL7!W%X7"&<-D/@$9URG SM^G;";EM+
<$_8C5/"9]EB*^QOB!H)WS4BI@H M&1,5.F."Y<"Y#5?2V5RD-=47'.1!K.+J39HMK'98W;91YNV3[F_8//%1)=_O M5_==Z0!H_F\\V@SO%CL9SGW>N_%MM0P)&;YW3 M1
KO+1$B1&(UM2099F/B6EA[B32$33Y7.I BB@+N<9HX9PWQ7@#!L,)ZY594 M%-8M'.H.#@?8J]%Z/YW4$@!$P;-L.AHTC_C<]W(H7H&3,0/CH%>?G[%]MV; M96(:38])&$]
(>\FS7[38$46^0Z69(?ELG_=>6%/=\POKTT+>ZIL>&=7W>F3L M9./SD[^R(F(%$]AP>T56=Z<)XRGHF7=NIWBIS>RGP3$;'^_7^C*V; N6&2OM/S^&DVS\1+$=SIV6[SL%H"'H'
>0NV_]4Y1_@ MT)JO:R@V[DN; +OV[/"+/:O:BHE%@"[;N B.!1 O@4KACT\3))MM95N+*F# _M7\!6^#PO? T.OOX^M?]CZ >OOLU M>_/^XW_!/\G6FX__]O[]?
[Q=6L6*LWQV)QFYEG7"F1U\VO_T^O?7[SX=;"TU MG>QWRFXV;OBA>#QN"])/6/K^]VD]!WAXEC7]*; !'#:=SA@E?Z^553L8U2TY M$,U)B^;,9.*O'\K! M*=K."TU-?H. #IMB?
M!O<9'5IB9&UK6MS;S"%$$TV&%6G=\ZM%]@I6^N7APH M<]DH#NK[X5PFXQ)=KUD"S;?*1EC>6U53L#=\HR"FZ61:UHI@K4O#U[M@[E>3 M;$-MH)S5#W06'38X8'!:9KXID,I<'
YBJG:R^/4$!G;5 /CZO$5QR?-9S!P M8*6S9@3MZ^#%^"37)@/MS)!]'XQ/<;#8! M_0UE>',+J+S3X:1:/+_FJ0#\T-0[IV;8SPB#D]6\&'EP?*D^&6P3'"0SB1=__MJ;=\>NGK&A6/8?
&7[\"?!]/IBN^GPW#QRP@ZW?&<AS0'?/';P[$=7OQN@#1Q MZ;G'JKQR^MFX[EL#6LC,_ @P0O<=V ;/9M#P,I,-0 _/+W2(&#R\L MFL8QPY5;_'O_WBHU4,?YYZ;NC50
+WC[IKFW#,X]'MIT* MA)_1CQG+X^I\/F@U &X#QA&<-S:F;__9$*@YU;;UQ:"9*'GV#0:QD]GA!-9_M>%3[3+$9TC>X2?B-V73P 0;I9^8.0^P:(FT$<8&1; M,,8/6V2;',%5@"N+O-
MA\7WWS^=N %\PG.$MQV0(4HK$87T&]9M &#V[8,0U MXQQV)==_6;:6%TX!5[72+*Y-OQ?UW@F^L=I#>8:"X](IG>\!7I:KOVP6K:[V
M/PBP'#E3NA*&YTHH+O^RF&3S9XPGL*KA "Q:6[8^DF^< ;] P!+/O;\+1NV\ MV\-?+CSU/DD)1?V2.M&8S*@]C,]U@ D^HVFOAC> 6 E34* \N]\"4%.U./NF M%3H1:\2]24UPTW
&>D0%0&VT!10.('GQ:GQFW=FD?O\.O-^7T$$<7.GB6G% MYH=&XY@ES:.$*$&3@&6>$#RT9JC)8(0:BYW8O1E IBC]?D#VICO7$D_KAMX9N,3Q&%TM:-Y@6]! MBZ3'UQY?;X.O:
I/SA AZR::#9,);5P0U4)L<]WO5X=QN\:\V8&M="S>9LTWD/.2-@Q[!V M7#7FRR"A]]O'JDK3X4XV=K4?]M$-!XU3]FS:SH[+,[RY')]^V^[JL;;'VMM@ M+?KZ:\0+\;",M8.V-
4^PD\7]!,,2C12?N0# #]IQNF6]+2HVN-G_6E9^G8_M1[IO\QZ&&Z+R#VRILAZ&T433F**X;2FQ?9%W;*1YlZ>-'QW$)?B66<]TO5(M=RNG:I[.7 RHMIIDB1;U-
#9QV%%U(1]*=O9);-3,7C[WV'<[:Z8<']:CNL=I MYX**:8^Q=*.>OS='OZH: S-$IT]=^X'X>\DH/YZ9WI>99]V+OV:=/;IV^'H; M;MERQO,*HUD*Y@Y*YL'$#I<&]>"WU5%63D=?[-E.-
HHQ-)HDYGGB;9A TSRK ME?A(%/;4#H8SZV]<9M,PVLMZU.U1]S:H.\N)ZC7&'I%NC4@+,G8YA(X8-A@% MV!IZ=%H/$8:UP32>C,NEP'G[-
=X(IS5I4U3@GE,PRNNLV21L,EH4>]#O8VY M4O6^U?_KT78]V1]S6Z=)A6W3I9J8S;B,)DZ);8U>68SLJIZ0DR/@3T&W@(# M%QWF$\R.G>QDQ^-)G<4]R_NIG>- QC-,G*
[&HU$<[EZ!;==(W[LBG>X!)3@N MY8@#M)MG#^@<$-E,OJGFH=9&X=\Y]&CLU+8,.W@]8-F6K257!G,BE;/&Y CX7 M9((1N<^W<7;$,M.[BE=EQL,;C@;-DIOI@'A&") A&4C;E&)]E
EVL!A/O-;S MVL1FA%.]VN&@F<5:I^9_HS+BS>KM+&\%5]NL;W'%]3I7P7^6%=N"\CSE+GZ- M?MHX AKW0)MS5]>S+]< 7@1%!>\93T?S_MV)WL+:)"Q_=U9:OU'(((9 M1K09]IM:
[94IQ76^_/>]?G:S[!_C:=:4$@"H;&B3[)&,Y^<^XR8-- "Q:X,? M +K .HYMB/-W-EF?63T(N(TGP3G6T]909-2CCYN4IV]PS"^8:'?:-,^H8ZO1 MEA?
>T!2K+*\56=@8Z>(H!0]C0OX=^96FQUC\785U7[?;]:]OX@,,^A+LQ]-;7;G M]=)7Y?3P&O&$F3YGLR._ 4*. ?+61J,?CX#GM8-1L]&TJM."%[11BS8WX?Q% M=4#$'E>M[H.<^_)
[4>V892;L9A\ O5 =L:WGI2T9F&M/JH- !H]2P<5YDG=3Y):FPW/MK.Z\M?]%%%(D/A$^*V>W0]?X;F7 MWU!O?]R(GE'5])N7$H-VL]]!BQ^?XHS9O+VS,\T$UL ^T$88DLI
M,ZK;E,71Z: U M-C@?D YVP=!^V6D1:7],.ELV=L-9S3'#700L0S.C,7B&K=XZ*[W>,MAYQ/]MJ+[POM!LO\(FB.%Z
M1@B:],..1:"2 @5A78$1/$B#Q@I'T+2MM!8N:7&I:IJ$-67*L\KF2V78P(DN M?C6MED9EXT/:7UXNC\.3K*]/#GX[\KLM>T7KVE6# M, !!I;5/G!#5^)/V-2KX8
EF$F89U>\!DU3&7>-0VHB!TVB 8B-QD2'SX-; M9ITT]>K9^,L(K)/>V.B-C9FQT5L;C\?:N$LC*!"R<.G99]3G/K=]U59;0/WQ M^^_[^]Q\)FTEH5\?'OP'IF;_9>?
WG\\N+GDE[A]K[LJW_M%+7Q0RR@,':!$ M&V%+T_&T:KSVK1]_22D\CW4WZG2(E2\'KA'M-_%_7M@O3^/AM\1ACRP?=6L.&.GM8K1 MW*T;;8'-
CN;MP*,+!2@V8E=2M(OJ4N+FO1=[1=4V\2P% /WMYZ8ZO*?6%<\K ME%I;[7301GYVLSXGN">;6Y(-\%,\8A8,&X> _>8QT'M:0?/T9\!37U\=ZQ9H M=5^Y)O"9S1)$Z7L^*
FEK;BJBZ)]5A7>K7Q(:1E.<5?W7I_J2GEYY>[D O M-5]W/HS:;8!)$;57>T5"]:)8:-W8J3YVZKNAR@+@&LXZOH"*D=G;9VX.YF^UF" M2Y')8W:C:SNIH2T/4%A-&/A*]-G&I9+7Q5C
!4'8N.%B@H>C?[GH)Z ;F'3+"2AS1*'1G%1 MW S'H/5X6Y9GK=-X,1%I8K_6N6L#-\62,22-E"]X'WYH?<+H):Y)SL5%HZFU M0QHZL&W3S!Z'>QR^HUV.D=?:?D#EI^::HU5:_O&XFF
6G"F:5A,L-!G9QL!&H M,UH!LR+XB9_AXQAZ.NWI]#:IO2O1&?Y"7{]S-M9_[!Y@W^C]EQJ,FGSKS8# #4 M>GI-36<_M/ZQ-Z_V6[?8C_,3EO:-B)?I^RO3INL:6 81X>3H[-9-3/V*:ZC
M_+CF:GH\%_;C(IJ/%B@D^FHC=#B*WHBZ(G@QD3P)NB_+;MX9>;4]Y['Q4ST!#Q-P%JRE6@)4+1%5S1M7 MIRN72]93*ZVP[SE*FMDTOM@:,1>S>UI1?-Y-
_7#O!VN1Y3#YKBAYJU\/LP#(M/$91UECZ"SZ(.@)S5>5.C[@I8G_+O%F!BZT]?;$!1H5C40'YEEN@8F80=I%N M5*-J$")ZC>KX!:|P[=:=(STFQ0QFR-
XXKXXL!DW']E5PS%V,& MM,Y&;/-H M+BEYK;=K]I!SI_%Y\\)YTBC2Y*+?>SY+ =6R^,]IQ(B$O8SH2>DV,[(M#ZNM MYD9E:9HOGBWG+LY_O:3 ?$N25 /\!XXW'+3!\S]&=?
#S8%)?,C-;_CB862V[M61VH!SOF/%Y2^Z 7]L;:-[4'RV/>>LYX>;DD/;Q=&"3%ZV(+X @9O'-UG$"W&8NNZQ7'(5 M6S",&DH%]5;+A68&.)HVH8YN+DBK-
T_$K'/]9H7!@(1'$8>$^=KE M.6M@T]C[0U"MAXW'9E!7\0/'!)99M7E3\S]@FB7/"W:;I,%O%>RV146]N=MC M]YVQ]W+"0X^^3M"/*BOWPX MC$T=\+PACKH]?
V>YMGXG:\H;9SUU&F7V6CW2>OSK\>][V?=M MAXY9Y<1UZTP;(C ;,]OBV>-HC9-]98Y)?7P,R^UG?+ MM;Y]L>\#*?;MV7G/SK_GIHV-MAN_GLSLLW%Y:$>M-
V%GL5X)4Y*06VXS:L% M!TWX%UL^>55A WI8IX?SQZ*?DC_"I$0&M$\4'3206, MP'+:=AU=0.9%" ,#H'=3<;^SZ/Q$+2?ZKS,#DNU%YT5\(6/\VV-.=HD /64TE/*+2AE
M5BFTY#K^TAAO9R12[(L!6;%7']:!908V= MTU%;^3V:34EO>'O:1VNA$PC1A/49STI),G2M2CS1:_=]>B'HBND5N4]/I(&!U*B9AU(*A8=<1 MF[3.&BG,F\37PXH7^H+6(T
PN7;8W'6(&#V]P^2S1+[7!I[_.ZX]F?>5/8]4* M]WFSA6;R385YN%@_UZI2)]-):X',J++NQ_?-QMB]6[.GA)M2PF^_EVT[T+H7
M1U4SW09%7:P1LXWS7"A^]PLI$H]:IBQH.;EN(7%!01_]$;1'T)LBZ!^ DG7F MYW$[B!M9-/P\]YM@5$8G%N^M8/^8I'#8F' Q7[).POJ_OQ9[9QDL ^P1YKO M2SE[M%U#/+T=
<'<\'K6X==U0>H^>)/2;>2===ZE0Q[Z_5E'@-3IO*R'+4<,!) M,1YF=?7BHA\$.TC,4IC.[\-"Q^&X:@MB\[YU*PV\7YGL=770D&P]7Y:-I9> M.QOFDN=E-F_-N7 2"IC45-
4.:LG2Z6=AL5@ZR7R&8Q WY[49<>C-&ARKF:E MRTW[Z=WL*I*ZGUC81OM%7VP8?9U.J^OHL[H^FOU.J*^/C'/E!-CL> K<&B5K;+_K)(\>TV&Y) ?L5=FN]I?O/; MU"
[5W[OKI^>3\N*&6H:E 4K.^C\/ZZ&2L?75/^W&G\7%-N&=>(7*\YBF652 M!FRQQJA!G5RY5^QJU A.L>K?VV&+:,>#$(9Q+B*+EJG6=R\RRT5D:)^T^''Z M@(AZ&YK5=09M
%3"=4[MED?TZ$](=D=G6M3))*O&PT%8?38K%9BUGU;]RMNJ M1HM2X:KS^P#2;]41?H/&:^;_9B*'9^ :?G[&GVT2==?7F_9F_>?_PO^"?YI?W_\#/!Y_V/[W^_?6[3^?
S+.O=Z*4YF;M1 MQ1T!<5NRN-(@Z$G@MB1PLT$R:T3^=F#,RGDM/7Y_.Q7\&QA^;]K;G3%9W(\- M<@.K]9X4L'O:^%H<7UNDP;L=TTH27!."W+-
DZ;XTV9AVN__Q4_9V=QM%NXY MBJESGP?SR,/GA0FF]R%NW[Q]M_^NUC;?O@,%_?]3V_?O^OEI16GQ7[IOS\7_MP-MZVMRC('(,4']FG\^L"X-RC?
SN.;!^1CE'_X8U7W+8OBQI_<'2>];\9-V MBT=LQ5&Z;NZ ^6'HD,1$G<_.#C&']W-U%./]<(>78X0RIB*_7%A(]M=F(=E! MO9">1?0LHF<1W6
1Y\K#Y_/"R\^83U1ND5\L]!;CE+T_KPC%C*R7N+AXU(R" MR'X;5SU#N>IX><]0>H:R-88"W]=K=\A"5E;W!)/<^XXAQ%SS-ZGK%Q MGC$:3V+U>3+^O,0\+KM'[X-
SO!NW&O&KG*<]^[CB,&6GV4=7Z&"=_1+^ M> (D_/-Y#!7],Q9W32ML ?09OAV>58/]\V8([_/%]':&57V:KZ6VINQWZX' M=8IS]O!RJ7SW8UM!MN0+Z?
G&55[4;NL=7:&7=3*._/$PCOSS/Z2 MPWQ#.NX3F/L$YHX0X(-(8'Y,&#.!LU.N)2[D6/_]V>_OGA_*4]>??DW1GRWG]$]&WOO9> M=M"L Z<'H+/L#VQ&GF8BOV<,5YVI[G:.<%?
H89V.03X>QB_:\%4KZ=ZO#U_M:4_;/6UWA;;+QT/;Q>?X]6C@!O=3.?BZ?5=/S%<1_#VUW?[G_IX^+IO-G4E,G_3'(6_L:]]ASK+]DV^'V63[[[']=]_C&WM\WZIQ MTN:
[;3>1W3ISF+]HNRMMO07X%>V=KMT'_.9\H<&\&E"W:GZS^3-IHW2S!.ZM MPVBIP&3WYC JUC$XXXX[UC?#RDFTV0<<.0@OE-;;&[63O1WYW0T XV9+N\7@ MDENQYII ;M7_9?-
G<&5?F*U#9U5CFD>/*EMD33_4D]S'T]L E!H _HC-E$' MRFWRW$]B.?MT#&;KI/IQZ]ST*4#E<@.W)W;+F M0T+8KBIN<=U/ETW%=Z[83O ["8XK$#12FG.S^]\ODOG*[. M[[D/K-
OF]?;$V1-GQXCS5?0M;;(Y;:Z,W/6TN:$R(I\23?YN.LO[^]2%L*U M$7*]N+2O,:5&+CE#6^8::W>W2.@CN^#\$ELLI?3!P_"1[#)[9C7W1=55P8% MIF4)_\IL+Z$>+U$\"9BTB8-
)$(ER0QC%*2T[Q@A63, MIOQ95C_EZ^0CYF*__"R5S1U3.=%"";@GET3GU!%/8Y+414YS^2P;V6-8\+0B MA]:>["%A[8\"_O7ZG*KV)R]M69X-1H?_:8?
3^"R;C@:-6_[X_?!*Q!:>,6S7XS>$47^T /E#? R M\'![?;3:LZ2>)3T8EF0##<$QPA351.2A("ZF1(SQ; B1AHOL:3HC%7!4V*C
MM41$;HFV41$I3$B*&5FSL>VQ)";R'EUUFO0T6_UZUCF]RD>0E] M+QP>#?WT,N'-9YZ\%"$'=N#R@@AN(]%%T 145QM\D3LEQ#K4U/U3.Q@B*;T9 ME]B?XKPGQ:OH)N>?

6L_GFJ1#KL5.+NF3E X]4^K)GNF=!NFI($/N<@T,2KE M1 21B!7&$QF4+XJ4"IG3=2B]VV%*(A<[7/B.D/))LIR->X*[R,?NY-D=G\#BSV]/+N;/GF +LYUL%"<]1W\T M5-%S]#>?';>%3C$G5CI%1 *V;I1AP. 9CSE5CKNU*)$SBOHPM*/)_BB\GA'5 MN[@N!F^4>I+,O><^'=ADSWUNPWV,9'$7GCKLPN,K4[D$(S.*9W23XR,NCY^9O/M$@Z\4B)T1KX MN/":*#!;B=!4$TT5)9I3DXRVW(BX#D5RLXPG-T\S(M*[)V^H08(Q8R>#T6$V MC+;*64UC9)S(%#XTBF7OJWQJ&25]FM5U!(6*]4B*YB27*;+'H2"&64>X+@HA M0N(%MVO14&2F>^%:HN>Y989]JNK54T]Z?>W?":IN. MA_$4VT#<.VG>?\>;ZVS_4=<&AT5$V%|.:OK M2E8U=,?(#287=(H*MJ1N7=CU4]=IQQAR1N8O !J4FQH,2;H'% M,>4+;[597QIMV4)HQ8XI[DW+?G!LL!\W_RZ;]+>X^GCVF0_1N1V8T2&YU*L)_]'21E/ M@OQ[/"T"(P$F^R;W&U6K.U[#XX;=&_L(1T?3[OI^_7=RR3%%,,S!#N M3:Z#B9'F:^G9<9^C,N:B,8I&U\HW^RUU]=9F-&7 M*5VKM)]9'4#F$&9=(%BB2;3+-9%>AI2'%&C:0,7F3,:41FX(DP]M(K%")Y,)0%0H5A%]/DY-[X81%SPD[X$=^LO6: MO=<1(:!0T)SA8Z:'(2 +')"9:ZUET]F]8S86W#'K%=$<+G# M-JDO/S[\[=G.@P3;HV([(:H\2>N)U!18B$*,.)]C*[|",)M++=:_.;8SLY MW\5EWXAO(\[@+O*R-3;BZY7)QT@5/5= \YGE,A?!4N(4RS']XHA"Q98>^"6 M)IZ 1V_0"[N!9JM4]*D'/1-Z[&![5$PHA9PQ)2)1$55+;B3P'\F(CI8';J++ M^:5A16MT@&ZBU;SH[SV\'?GQ<8E"@CY!=R_>@ MN4I4.:*U]D3DR1.GN8$_0I!:\SSHM6BI;6Y:0Y6?D"C7+AN*'4[[YLY]KD#/ M"7M.>)M< 9^$U](3ZRS8ZXY*8A/7)##.HPBYM2Q?8Y;N)CFAW%&R[^W<@>S=M)YLKT+MUGR9U]:+F6B.D7:[SF"?0F'&DBM>!Z"0#"13T:"."C_)26MH=\PS6 M%^D3^08C?3WR]TIV#_S'R_ETP*&#,B=!>P><3S!B*+,DEUSDGAJK#5]SJL.Z M.)_949O,<7C0R/^D.E\N'Q:IHB>#K^1H$$ SWP,L@]62V, =;@A@@M")<1 M97W005OFHKIXXI<>HA-U-A64P)V<",T*8H)2I/!1^Z"8\WF^1F)].3X^'DQP MO^O3(P)_&8P.X\@O*O"K_EK3AK4^J&*.7LWGL2,\1_[%HO=BDWV+1;[5[ ] MGCZN3?8#&&XFIE;-5XCU?(6]G@T\2@IY$FR@Q],G_)'L,F^7^!FQ=N',]98 MEA'/ P3=3O9O:S;SKNCBF4R>*-7$4%40 1^(=CR2PMC(DHLY=6X=[O#Y]FHQ M_L&6[\N#B9W$\)]V.(T?8GEP9,NX["^"?^+U<%7U/NT?QQ(_VH\'-JR:]\^ M]R&]???F.TZD*_I#4>:<207QN<;Z'R&(H]H37BC&M"UBL)=&/-[&*;] _=-= MNC)%YPJGVE]="R>VS$YQH]E)!.Z!BW^1W0M^)\5EX,&37#*'B$!^.TC8;GC MCE)/@[Y4WW5W_*[!4^U)/T?C$EA-6(O)KO?UJ'<@;@\Z+6!2D8)$2@=T58.6& M!*!EX4+D?CW-S3:\.49W -KX_RVA9]/HGUSYO/UB\4[W^@]H:R003.1%.$N M8 LADXA32A/EDH?_1\5(0[W"O8JCJXD1:,*QF(BB0M/ MA'2*:/A,@BHX"S;1X-OG0@D7>\'N=X(BD)]=<(6&9)\\T]% M/4GX8(Q'A1Y/OU6-6:&P\%0Q&"Z,=V-M,(DB$=W5V7F+Y^5.5N\[6AQSBHE MF072Z$=NBBUG4@"9,L]&L5#^WQ716ES<8GD(M#PA^$QF#8?NND1_6C<6\(SFM$,F CD1]+4'F1%"T8)WGT1:?P:<"7C:4?]K(:?FG(JY%SZ@)K$?7TPBTUQ<(>@ MH(^":#T4=.E\SEY)D*1FPBTUQ:\HOG)26:3$#%6.H* /K"[Z#&-KM<1BN3AM M8"UX4[WR!,0["2+;8@Y[&T%[$;+1V13!:L,KV*VM9U$U$IVD-@:(RA4+(=>H MFF(,O&3&1ZIE=GO-O([Q&IYX\;T(]9TH*I&958D(U+R7'2!96!=-L"MU,JP M9.E+?/SB:)H.6=3_N=!"T&JEI/@K+80! M61"4]W9NE]TAF;7UEG/0CAC:Y M'2V;-!&UDW G#2(8IT2=@D@+X(188S $ A66&:6D<+D3[CPJL'0H9\;H"_L% M5V3.&A"1,W".&6#% W-,6TD)*V<5]E9U?,1E?VE&3(7B4R+M$W%F#:FC.4:F-16 MJU2<_OU3ZJVLJE4FY%/!Y512WLLH7\5)MZ[3-GY)EYMTX=-JPLETP@@3S9>_ M3^`]7=]\RZ>3K!(!)RCW >1HB8LU;;_!7!8YN \HY L M+TZ%XEGIMEW 5@'G/JMF_)R+)8D=CS".<5:9RO=M+4UHPB M8Z9"GZ>)CT#+HW'S:F_'RGOCU) M'9:UF3)N_P0,'"* Y89TP6DO72JGJSVE3/,\4?W"KQ6SQ=GU+VK_? M"?OAZFE=MKN\^EJ9)R=3I3O453V2ML_9XDL<\-56A=@,>-!<@)@[#,Q-@@H9 M,ZG%K@]$<@E\$=3M_LD;0] G-OML,^R($&]TN"MIB!,P4)7NS=YEZPN1GFT]94& M<9TAH)1R2FV'4Z<'+00G#=^?KO?=R$;LSSRV96GFR M:/P3R\<3V6AW5GW.)CH"Y-@!DEC&+(T2Y NZ#*CB7LT][$8M' MCNCK$B"E%5.K3C8->W >9_]?I)Q?67%]^_=$[D^)QO$,=9%'SQN9:P;@(L^ MET4CJY_9HJ^U9/G;%<7>O'S"!7RZHRHWO.<>AR[P=.LXP$[]=']=8Z#WW'/W MC7K!Y_7TW.+C;/%VLEAN:NQL5=XNEF[YVMM5TU-@M:DM MKS;OTCH5@l-M8^W.6D7/WUQZ6+M%78K5#U;-)U%?$ESW1]YU_;]6:6/U[? ML?DMI$5\<;E<-^<_GZ_2W-6V804K/M1-*!=]?@,;'PZ$!\KN9_XO,^8G[^QH M8C4/<;C$T<_0I&S\U9^52N]N#.ZK1YXMYK-%N?>F<.5SM]TL7WS^0=G"W=L- M47?&MLME1<_=_'?WLV#UOMND]SDS3M7_..0MHVJ7D\G/R["HT"K ME4>[":UE=L5,3U;@-XK]|@N[?EI=IY2J_KW]KCO,^):U>W:B<5[=5SB\W3UOU MU.ORP$].NMV.-7FHSXY&3>JIJ%X;%U]8_L- Y-O9HM@+R^VZ;$"1IO0AI&K? MOMO9%O'3>+F)NUAN"^!^LP.*/>R13R5L3TF5?UX;;[C=!Y@Q#_.;[BZH<8+N M2ZPWULF5G5#O7]P;01QM43@*ZX.%]:?9F6U,UE]&FODJ_4/3UKY_439P=&L M^-36P,;U/ M\^5EK5O&AC1[E^S'J(;3]U+H>5SE87T2LK(^Q!" &4)K(YD,/AL'TAF6+$TZ M!(C.E!D>S(10A% T1BERBB=ODP3!O06BI MP0ABBU6D3-)9>.+WYMX8IH>)KH"63Z+ EQ9@263@G5&4>2,L84\192:J> $ ML0BQ"+%H@%C$DM,V60*LN&/%Q#'%OPNY@(O*) 8J98I[\V!4]I+&8A89P8LI MY84&:YP#%AD1QG.5QZ#$4GG>IR7C&[OZ5%JFUP:LC.Q?*M MV7]S:OI^H$YXF/STJ*@*!QETHTZ2BSHYH< 5OQH$TP5$S,\41HR*:*"$1#1$-$0T3#AZ,A3X9D00-DPSF(S&RQ\XJ5F%D@ MGAOG'=E/!A\1]CP-&G(Y%1;1$-$0T1#1\!A/F242J3$@W:@,]: ^>.&Q]-B'(/_XX)]':%?U3RJ6480T4 1 !$ #PF MHU3','/.P<000:AD"XZE"(X5E/,ZR$SVQC ?$T/M# "IGDK3X9G"0O"D.EHZKO/ZZC"MT=.IWJ8]B#26]&M!:95!L$R!5O/ M/_#L>2"]Z(] D^4E*1C8&-Q(!DQ2BVQ-U7A?^HP&AWR-9UC!21#9$-D6TPR,9H M"EE06=QUFT#P\H>1/D.VF:9HC=)TS^-_5,BS.V3K//]D'T(:0AM V&&BSQ0$M M!AH!HB0'X;D%XYR)+F-RF>?6&@UF-DAM'4=UQP"M&'5YP-$XL>*!FF]FJ"*U]17,8D],0X2-9D19L,(M>WU;C@E>7@OFRT5\7>5QIS1:RG^I*=,:LU^8_D<,1 P\)LQ),DLT UFH4ED A!B(&(@8>T]98%$PE#S54\A2 T)C(@@.M7K$*ASX:*J*,CHHV0]>=@B"C4Z$4@B#6@K92"^I3X;9T'4_=N]XA+ZW609, MP/4A 4=-]G4@$9"@:WB45BWB S@G.771A\SWM,AQ(=7KO-M?5\N+5^5ZL\5V MMGC[^J9P^[M&=G??^[5*[@\?-BM7@&NV<*N//V[2Q?JGY:(^R6HYGS>IO)UB M:KVNE$PMP^HK1,BG7B0B9!\0T@:G74H>M,G%NA8^@54D0[322)X=SZ:E@.MP M$)(5A!S#*"9$2$1(1,A'UZ<2Q1A7#B1A$H15$8RSL8(?9YEZE=2^#7E4,'8P M"$FYF%*!AY,0(I]ZD0B1?8!(%X(7T20H-J,&X;T&FST%9:54@4C*B&LG6#L8 MB+1J2EF'4#<&LX%,H+DX5+4]* 6^ZS40M MP7+FP*54%!@7-OF62FZO%-)5MYGOTB*5YVLKSF,=*R[ZQP6(KQN8$.-F06HMF;-'\3+HK;-6$(+8BMB*V(K;V"%N+YQ]\) IH M5K[8K8Z!%04L/2EVJ!29;D7$S@^F-T5MBIU'CUH3QJ>/N,"Y) 29C)?KK'@ M>.RB\A^HB?JBB9B2T=0IDCY["T(!R8(\9Z+J2E2MO]SFA'1*>+;'?8QY9. MJ<08"MKY"+,(L]V$61&5M8FK JZ,%8._3IL(J=C_0;EL>:0T]YVW/B90W2W, M\FXK\@8G8 BS"+,(LSV"66U8T,5N!>\L!;&8!I<, YE$DDIRK<+^;(8C8M:= MPFRM?#:(LXBSB+.(L_W$V<"REZSVRW!*@HC2@R^0"\Z%D!)/.HI6XM>=XJQ5 M4VT19CLKL+Z/S0X-:P\T@MVT=RE\?U&^^2XMUK/WZ:"(]HB"UV7WZB=_^:88 M37^XNJ<$V[T]ADO$OET\"0\BT4BGPZ>A&>Q2.33P9-P!(OLO'2E6<=L$4LESM367NYAJWKWFUESUT$_ZY*/LR+\\5)V_=;#$I?K5[[V9SY^<) MBL*Z^+73F:+]VF]N2@_P8J8X;K>6)+930@["B>B(E,2 $$XQ),#A:T",1S MG9TA^QVLCQG#7%WZ5[<]^EU$ZL,_^_E/,X6;_]6)+F&J5XO?DEANYIM9FE= M]FI=/OJ^_'/Q]DU:S9;QI[1YG7]U'UJJP>RTBQ2*$>8'D/CCQ5!&J/9:$V"Y MS@XTQH)WG --4N1L?')ZJXC/40.?^XVAPB"$(H0BA"*$/AQ"52:6UB/G65%7M()1'<(+7BA.G/,DZ^MC***EL56!%-_'HP/.4@1L3+4?F?YVYSOR#X(3$'Q[!+Z$.)NH94"8("!T M06 K6(1,LA8N1&K$WA&@8V+:IP1?/B7V9&508@<@B^"+X)O[\ W496H4!(XMY0I$UKE8L2*!B\Y+F:5*(K41#3\A^-;3F(*<+$,X")E#]$7T1?3M?'KRZ'ED MVM<^K1R$US7NP#6PR)D102BM]^8L'A-'/R'Z6C7E&N,.P^@S>.H8<0NM!B>7 MJ>S7.[=*D__[_S*,LA<3[]:S,'&+.(FS^7:3(H:/1R]3J,9ZI,94"DZGJH.\ MJ"HI^:+&/ -G: XD!IVT:2-_H-:+6:+M^LW:?5+18#QJN!_KL#*RQ1_V;A- M6K_.+R_2JI#[^^5\[E;KYB$S*D8_JJI*ATRB3E0.;J2:94E#3-!@)76>FR3N=H%^M_"B5%GRE44JBD45FA MDAJ6D]@V62X =/,PLJ"@7.I^%2429*-B-KLS7])FO55R5E@O+940*:& N" MV**D*6.0>%$^VA,O1"NG7_JAI.A]8\112;6=W3OC\N_7[,Q=%%DMFFQ?@>\$^[9F(D>I MY&*(*&D-@^#K2HDM?J.H$4Y"(XZ)4MRANRI]TLQ["W[D6HV8"L:FY-Z)R&>AM@ON!#>@>GCD#C%$Y,,^<"SD"4=*!8+]..A,"BJ/B,J&ZP.:>.=$;E@,H!E0,J MAV.5@TN:"R$SZ!0-B,PUV%A/9U)M%; ^1VKW"M]A97VJ'GH,64L_O.R*)R.+BAV^3_F]SKMK7CYA,.O3'75MBGW?70Y= MXNE6-:;K,_:KC>S_/'ZCLUO(2WBB\OE>M93:SF(0Z7./89GI2-Q_IS4TNG=32#EZI%GB_EL4>Z]M*5SYW&TWRQ>??U"V5KBC52W)#K M%L7W*=;Z_6/&BU+S?)3=Z\X"5E>[WX2Q;T/X;Y^ ^[?R?F/"%)7^6UEC?DI:O;I1M.*]N*YQ?;IYV\N0T6S[Y$^2R'\OPW^_*1=)JW13#ZQ>3'_Z]G6T^]MJH^<+] M'P9>W\X6Q4Y9;M=N$8LV$%7%DF]=S50RH,W\\B+O;K<%K-S]B'%%[N[M4$*>D3]=_R#4\V&7Z_1\G8H'4"#V>@>:_/'NVM_C9GE%$DAOI9_HT-\(5/8+K MZ,BX;GPKDL]X!_?Y@[.@Y@^/@CZFBN *Z:O&NS<&>?!14=/7J.0C5ON'1SW[MO>";X+OZYG&+?]#$RNM5M;Y=CXM(W;8A_V"X7CU!W'A.W;!1GW>R-[)VR'3< M0XLD'[=1]]9(=IP?.V[/QB& +V-L8JINW@UGH7"AX/2&)5H5G!"V%]MY$PAM M!B&C_*#\H/P<(S\H.=U+SH"W 7G\^*1Y0:-M8C7E8>0>!_3LCKH]D#_ZOD'=2\@YI0 *S&=&;E/Y@.S2E4H9KVLX M,)YH4VC>N%F$V6+RREW.#C!U![93/50W*#IC$9W)/LE._N:*%'W[]^5Z_=56 M_0/:,U1!*$===RM'W*<_" VW4TC-@#:SZ_*M^S_XCA)T?)CRU,/% MVP_*/:+-U7=N[8A4Z8T7^"^WV+K5QPF=3AAAHO/9OV.3]YSR3_L\W2J-9ZL MO=M3MF[[? -:;^2614PJ>@*>TP0BAMKD.#K@TDBI4T@J[']7Y)"$$)SP'1X(# M87CYC5044N#4.Y*,(>)N>[.'-C#[\:>_?KV%F>!R*BGOKF/9V7)RSQV)OM+QM])/,1@Q-3&7J/!.@-64@9($9DUT&S5TV,1*326H%FFZ9E#N#\O/Q6K|\?S- MB]^&*.!?12A$)D2F?M 1D:E%9)(^Y2B%!&MD,9HL#^ +'@%3VELEI N6W$4F M&;1-+%"@N7Q3J,C6%EGSVM)10HDTGPR9-*23#6_KS'XP-@:X0GA">'I#CSY M9(NA%!C(X'PQ@K*"\B\#B1.1I1*9V;WAK(:2%!D)P"F5($C0X'T68%.Y!B\6 M5PCV9/#$"$(30E-/Z'A>T/2@QA;-9G]A0^Z=0!TQ\!$CK*4L@R22@@B,@WR^]4F(OF.6=%9KI@H[$%;O,4P%,J01>1TT3#3;XO1&0CP&^ VSU*244VK9\"]A,= #LRO-@!<&U4NMK@,&'R(R=YMXW.X7U5SD]E7)757>EV3LC^OUMF9C)IO+(BKOTWI3^]6;ICXJV<%CMFXT>5F3[G [EV?NIH1ZP4BA4M$J.*\4PU"*07& MB@FB2QHS65X=E/3MUJ9]>$=Z$UQL?E"$]#(M>(0)_WO.L60>G_N/DV'89)Q]NS%#&I128?BXM] MOA3$$.,=$-0RIV!8!E\0KWC?5)57H< A,\('[X75?"_$R+-AA!*(L8888T%/MJYP'Q53Y"7&*IKUQH!V#X(%1R(&CX0F*CPB+YP2+'5#P$4AU5;2.!.T505$D MATY!%,F1$11%)ROOR8TM6;E]M5 M>.?6:7(Y=PN,!@]>L(869NDZ&AQ5"+6*/3&O0(0LP&G+0=%L>?F/9MYE-'B7 MHOKA2N2:+[VY$K@W1=X>GZ.29BIE%P58X^-R!*5!D0O--R0H>E2#I. [01F M!)=!*/ D4Q#6$C"49U^Z92<]4[JKA,F7S03VLH:2X*& @(54A!M!R0HBN39 M4!!%DL*>XH!>:R#Y6 C92Q+'X38KTSW.OML!$B: M PBC%+@: +3.9LV$+$"@T9P?6-KH%*>9[CD#-LS,4<.IXN;UGZN%Y=IL7:- M4*4/177"!I.'R5#O#P4.[\QR'VPX).LX++FD(XHGDA7%LZ=T'*"]6T6WD;B_(HZU^7G\:UURE)/RZN9B0U M)1>-#?OJE@=G[<_KW=K8N"_TEK=[/0MKY:3^GL'RI:*[2N&QM>69L*HTZQVX3 M"'%(1[1 D*PHGDA'%,_QDQ7%QVOQR$8!TSDB50,6D0(C"PGG@@T@FA8C0\ MN#;R,>@@]%PT>GGN9S0)G->;=VG5I&X^33Z=+_KJMG?Z M8^.<_KVXIC^ES>O\|_O0=G- ;LSPXRPXG@0Q<7!T1)-EE&1%\423Y>E-%JM4 M8"E$<$S5+N\Y@Z&.@>(N>5OL&<9%&PDE-%E.;[+@(9\N'Y$[?8T (O$ V *1>/A(3&4TQC,!(40!PH0ZS54FX"QGI3@K)W:2'8B M$C\U$G=]/*Z'2;U2,MW;EX'75TY5?]PJ_!NPNETP@@3F-[L95G 6536=%VN M&[22C 6@+F00+$HPF6:P1EFB8A26JSW#O'S @M7/GE9EQ)2QH@=(%YUKSV1Y"GRT=AXA(QFHM ME0,67#$VJ8I@28K%]B2AV)\Q9$[:0:3:H/C="K@H 9QI1C6/1.MX%Y"<<9K;E('J3$ XX CFJ6 #X\&!SB86S%,&BD-H(,@0M6.0Z&K6]<@B/$]B@9;&T9B&@D&"),\4Z#RU%*;RDYF7KF9AD^HN%99NF+B5 ZRGG';X M)-JAW^,<<6KI9WK!U[AD]@R(3 *$C!$,SPPLE[+8H\+&M)?8%=('+TD&:8JO M+S@I*&-$!EM^Q%C27&EZX-327;]WYQMA:[[V\G>WBG];W2T(,B;[2ZV9VDY2 MO^/C<@2E09'KS$^C?(S&'[D4B!5$DD: HDF.E((KDR B*(CET"](CHR@*)# MIR"*9.OA?YQ?]@F:B*.T,SF:Z:870_GFZ0/]77"0UTCR:(-+[??!VA%LH[# M9D$ZHG@B65$\'TK'(6;.&5/:$@(F!0F"6 :>6PDQ"!]TD+'O7$ 4A&F7/FF MH=* L#]!XU24WQ@FJ#-.Q '/E]8,SU@CQ"$=T0)!LJX(AU1/$=)5A1/=! . M<1",#%)%IB!E8T%$[\&P6/P%IQ,WJ!66(.\&A3;:$GP&>7(!GO M?8B>,+[7$ =A)Z+1B_/;XPF@=.,RVM2-S?S\B:SIJ7DY-LZ=*S-@WZ8P1FQ MBD$+$,F*%N YT1'%7J+11>+A"EK(69':N/48K%8G\%P%30-2DFS MUZKEF'P26BRCF\%TWAFBPK23F@G"1-"#Y*8_T\T&.%!PW,8EL@9.'D5N0*! MUD"@0&Y H$#60*!H$"@0*! H$"@& I08(3[3H0]5&'RMZ-L >N3*B'OU6(&D2]G59(L\7;1\\?,F(J&)N23D80G3LGC\R"/ELZ#A"1 ME B65H.4!%K0Q4@#-I-B<%HF8N3!)NU:0:2NQFF:$0SZ[1TC(R"-@XX#!*3D MZQQ'*#)"T5E-J._26SY:;$97&04<,$M[!/.X9"=Y:D)87@RIG"@6S'-@4)&=. M.,OVTC7"JYQE% %I2%1[3D!+38L%IXL%)W4 2Y2V@7)KY5X/I(O+^?)C2E=O M7FY7X9U;I\GEW"W:FOPXZE1OO^YWQ^N1*[YTILK@7M3Y&W]Z%2PH%,BNVAS,#XN1U :%+G,_& *$G3H'N7Y M4G" =H)-6MGH(\AD X@4++AB,H"3D3.:I29"WK43G!0Y\$@<6^@O(Y@-=? MHV*$JJ \)P?:";\ M5\QY;8)V+(,@1()@1H.U3H#VB1EIE=)JKXC'!&6-+>9\9*:X #$S<"I3T%*R M*(@4)#HTYP>6-L*A=P^0I893H1GHV(CR^NY[H.$D?ZNN$AP%'DGT=7DU('VPX M).LX+#FD(XHGDA7%LZ=T'*"[99*APDH!W@A?W"U!P)%$P0ON0HS16K5797%, M]F0X0\FIPJ.P"'%(1[1D*PHGDA'%,]1DA7%QV0QP$(1E7646063$0Q&7P MVD:(+C%7B[!IV.N\>$P^!AV$GHM&+\_]C":!TPQ9;%(W-U,6)[.F$^GDVSJK MKLT#HIC!&;&*00L0R8H6X#G1$<5SE&1%\1P"5$\1TE6%$^,GQP2/_$TV$"M M@!B"!Z$D 9.T I\U%=']&O;DCN3*U)4B2<&+'D.(FL/5CL./ =:?I4]8>%N M_*1Q(%_=!A_#:+X*6U>YU_=AY9B();1 Z9C@,T(80T M.0DA(<= 07AEP%)9C0E#A%"*"K9G0AR3@D$3HG %L@$H\ B:/4 M-"<#SD564%4:\))\"PI3QF+/,\-K#LFM8E(_-1(W/7QL1XF]1XA+=^Y>1T$ M=>54_9(N-^G"I]6$D^F$$28PQ?D("6+/6!6AN-SZ>3H7M77_HD=<-9.D5BG(M#%E*"4+9""9)"|QY';+W@KBT-S^*IB!2CL""+[^Q+(&+RH*V]N@C3:DV>T;^ M;E#4Z^UFO7&+.%N\??*1D*".F0O&.ID.A1'OAT6C8]X2HT1\!$P$3 1,#LOL[:KYS:YXMF#SK[-^,63#5ZA15$.V.STO=/USH2 MB@],NG$R5;]+.5J#E<+N*B0H ?.&N<$T!U#:*12.%:;LS#++WDE1YR D!.U MUBOIU5Y>26K'/=4<3 %8$)Y+),QX""1E27QBA,N36;-"FJGL\OQUG\2CG3/: M7SZ8?1\_'5JR\(#=>YIRCPXP]S67'BE?O*7;XI-]=CUCTO5XC;@-J" (&?@ M-J" (&?@-J" (&?@-J" (&?@-J" //66X#9L3S!9OZP/7K\/09^=/U#XHDS=WE.CU?ITNWC9GE%SDAOI M9_HT-\(5/8+KZ,BX;GPKDL]X!_7&Q7$R:M)'TW:-3GG>R-K)U1HY9[_-3C]FP< OAI1'0WG(7"A8+3&Y9H57!"V%YLY\4] MCY-FX@?*#\H/RL\Q\H.2[TWD#'@+4' ^VZU?EQLTUMH>#-5B_7$-UO2GU=P3MY;/&LN2O9S4/(_I>0LYI!U!@/C-R+XJRV2"[=*52QNL: M#HPGVA2:-VX68;:8O'*7LP-,W8'M5 _5#8K.6$3GLZG#D[^Q(D7?UE;=7SW2 M/K]0Q6$!-0:#Z+#MS]M/")KM>"RA!.,3A4$8[M;(C#?[G%UJT^3F@SP8'C!(>[E_S#GB+][1=R)-%&W"&',A((#P%H"< V&F@S)R2!L$%[7KC]=3U[@4V;T M5/$.)R^<+2?WW)'H*QU/W^!KQ-!D6"#!Q R:T 0B1 Z&"P-49LNRX-;(O3D' M1T%39W,..FS;C'X7F9A3 M7N4"7S(87Y#)$C",9\A>$&%$*G@53C=5@- ID0SA">&I'W0\+W@:=%MJKZAP M6G$(7!6/,=$,3G %C+@@>?E ZSV/49GD8J0&=`2QF'(Z@')`:09(FV\"D#=`5 M"0&'M:5670ZBZI?DM-EN&J&P!P!%*.P!%&;]M,C%#B26LF+320.6!0W$TVS]M)#XC\]Y$;$F9C]*"*OXM")TR^)P3N"S*U:+FFK3JH1X&A=).C1Y!(W1$-%P MP&C8,5YQ202-0H-4U!:\,A)<+'ID9DWYA%&KXEV\2LQ077OF5TEH-?&LRM,$])#C)R:T\YW(E,I3Y+O_7H4R<'IG.;!YXM8GF.'6L?(C)W>X;<;D_57.3V M5C-;O)TL\V157JYFH9Z^75>6;ICXJT<3 MCMFXT:6"3[G [H-=34CU@LI!.,2Y\4SKQ.EN27@C&6@B/7%/5.F+UXIM'> M2ZN++DE65=NW&9#*BP&I-5L&7>YX9]OA*WY MVLO?W2K^;;5>9@!^N1*[YTILK@7M3Y*V%5(">&M+%L8SQ<3F"TJ#(MA>8;$A0]JD%2<(!V@C$T$:,\4$XC"*,H>!(RJ[@=%NV6)29JQ M#$PI!2(S!MY*#I9R+CWUBEC51O;D9?S7=KVY*(^R_G7Y:0AWG7WSX^)J\DU3 M+YBJ-R]:69\:FLI/SF>T0,Z)K"B>XZ CBN9:S1?EWFGP[/V2B)69P!B)' MPS,5T (<)5E1/,=!1Q3/49(5Q7,<=+$3Q"'5943PQ?G)(_$12Q9,B&@R3$412 M#@P-"KCW3D=NA=]Q]@M-5XQ08!%$D!DG\%Z+L$SI56@7NFT=XR!<2!?W?8? M?VS&TU>).#YRKR;'P;*1@T(7J70\%#, ^0GL*CDYHKP53)@\3%%UY* MJYM'?28O-Y/U@CB3KUY>,UAZRQMTE[\"8\'.U&9$;$"B0-1 H MD!L0*) U$"B0&Q H$"@0*! H^@T4782\#T"*.U3XPKY]>[UE)PRH!R&CTC)! MM-:!R$2 \>D=<,T\"*(H.)4Y:$.4S"9Z%?8"ZC^E MS:<(^N&1\W79]?+J:R%T.16JPRAZ?T3N<_J_B=1M5L@C$@^ +1")AX_$1%K# MDK1@M D@=-1@@J7@#>/<2>M=WD/B8U*;B,1/C<1^Q_K85+O$=+RG9O705!7M3M4_W"]\FW ZG3#*.*8W1U(-@)4N>X>-92XZ(&L(7M?"URC1RH@L."Y<8EK MLG?8.*?H&!49!*5%'1CBP7K&0:9$BZU>7F>_U_RUF=?T>KM9;]PBSA9O'SW- MR?IMW9ZIG4M6'N'=!PG(B5"G?"2@Q*.U-H[!<;Q)X9Q82AVJ0]_4H1*H- M?-\MY\706__P[^UL\[&E2CO3Q8BYPY>>%YL*A\XI7GS,8B B(!GC8#$VQRBL,"*WPG"<@V& M^PN4:600;@BL. M;11@ZA!.YX)B]9H@\BA.$K,,W">,24-M[3V OS3,:G2U09'UD!4 MQCA+?3)\[^A2N[-;#CS,-/PH"U;Q(R(.CHYHL(R2K"B>:+ \O<&B@E294 \^M>0K"*@N>904Q&"N%Y2EO?X2QZ23T&#I?0=&/.#S &G"X7,#[VTZP';"X[8M MD36P[SAR P(%L@8"!7(# @6R!@(% @4"!0(% @4"Q5" @/L=SO*>^<\UQ$2MT;DV<.9@B4V@N>,TFLB\4W<#["";4;G]>@3/4@*#>@9A]&9'WIV$>@T@X>VY C(R - XZ M#A"0I!?!Q (I)JKJ\I8_?/%YP?# %'?2&\?O I*D02;B4_&5:0$D%@,XDQP(MGQE/7-=Y3J>;/RZG(LC(2?"*L&&XQ@O>) N74)2-I*L[E$\R>HV3XP(<'-A$!$0%/ MBH".&F64YR!=370PDL ;K<$1:KD*W@:)[B*@+C:?9HR 5LY4-[08B5D0(#XH M'6UVBL33(R!E?"]9115>E)6

8$"60.! H$"@0*! H$"@6(H0($CDN[.#M>9 M*>TI:&<2"*8M6$LB6&6%3UXQ[?!H,*!Z,$TS&W,[9,D3BIT;BK@^/]3"I]PAI^<[-ZQ"H*Z?JEW2Y21<^K2:< M3">,,(XISD=($'O&J@C%Y=;/T[FHK?L7/>*BFDT+59]<"""T<.!U(,"UML[*0"G=GQW5S'UZO=VL-VX19XNW MCYX*9?A4<#F5M,-3QB@1=Q>-AGU_,..(P.^, _$"S; LL:$!'91U"VVM291'#9 M4-"1""]<",S$5L"RJV&L779DZ)-D(%8B5B)6/BE64BD<"07W<@H4A.,*3' 2 ME-&,!N-34OO1XV)N>A\U2!*OM:PLY&*0#0\)5V,T$U"%.@U8DL@<1D:/0N!47OPK%C@F9*=#%8]0#!12QP M+ 6PF)A7UF>K59MP??%@&,\9&Z9B(Q((O? F6?M-4\&C*,A&0%VJ/W((1PF=+0Q)V&2&NQ6]!@@PC "*5<2V:%W2N1"%H;;UR!T%00 M5Z3R=9,Y14-TEDHK+=S]TQ"["#=(0Z>:8[CA 6?"OUP-<1_'5HB\8#=>YKR MD@XP]JS67'BE?O*7;]@WCU[_N%0M;@-N PH(<@9N PH(<@9N PH(M<@9N PK(4V\);L-U$+#\[?P\-2 ;#U\?"_ Z=$==3YO==Y=#EWBZE3PH4?JE M=>V^42_XO,Z;FX4OKO37=VGB0IW7Y18?9XNWD\5RD]83MRIO+R:S\K6W*S>?M7+K59K+,D\V[M$Z3[<)M8WFP"@.UF^9Z]ZIA9U?:5$X6X3R)65Y8UF&MZS M^Q*W)U[MY Y)X^S]),S=>OV7:R[=VP2+94S77RI]TJ1]?/>C_-'U#/SP'_B+/ MTP>(LU5]$@#/RQ*V%XL7<;:^G+N/S^NG+RY=K&=H;AUVG"V:A[HZ*TB>Z?I. MG10XRQ^O[]C\%M(BOKAXVL_>IX,>'N@GEHL]OH.3#@>DARNYG M_B\SYB?\.9I8S4,<+G&?GP4L&W_U9Z72NYN,PM4CSQ;SV:+<>U.X\KG;;I8O M/O^@;.'N[8:HNVR"RV5%S]W\=_=O_>*;/]^0_^K*UQ1KI+@AURV*[U.N70)U M#X /L8]$'I-C'ZAX.\[JOCE/-Y>K7G0:E]NDIN\>>=6%^4&VT9YKZ>3'Q?A MV8DT0),CO0V@OWV"S=^"6[_[+<^7OZ^?W0#]J]M _\ON.1\#[:T\7MFH MJIY>E;V:_+7NU9, T5U5,PBY>1A*?#M;%(-@N5V[1?PTV//)'N<<=OR?UY87 M;O7GA%@XNE)!GY$_7/R4+F;O+=7]^3L6\+CAZO1>-B[:[|C=W M:RK>S]8S/YO/-A^?7__^GAJ)W>V4>F;$GVY;)E=+W)DF?_["S^@SK8[XU1$_M8<\,.\V=AKZD/^@[T@A9-Z4V5XQ:1?7>B,6=4$?YWA,;O(^+W#QPN5>1G4&N M^"9\I[YYW.K'T57]MD+\XER.XEE, E'^^6X]^:$8P_'_\:L,_[^?-;7IAL'Z MO<4MAPY/"W#W -BQ;:IZ+O /"$Z/9LU'YBCZ)F%M@A@C3'3%(R- (105%)5; MHO+5!G5#W*,G4]C74^!:5M@GD[+2\FR\NT[G2TV].V;%GORR:0]1X%[M+GG$)-_.:7N*4\T]-_8?U$2B]3//SE-B$LG@:^\(P:T%$WEM+2E5EE[%F,U^ MBS4=3'(4G$\"1- "+(D,O#.*,F^$K?U^'S.&;U+(_314]XRL74=-D4OF>B MT68O"(0VA+;10EO0+K,L+;B@' @6:Y.&8('0$#-705BYU\Y!92]I+%\R@DL0M7FBPQCE@D1%A/%!EKN6Y3DS?9+"><K5#X*LWF: M+*[,XOIN?5T+]B;;6BHW6TR:).$.=&_ _>5^\YSDZTOU"872D,>"#?#JN178>M\&G644\.+,H51;GB,1&@VS6&S45N7Y7IQ@1%'*(5!2NPN; M7 "%,W N"1-TR&I_IO,Q\9>NH8=UV8NXQSQ\?.0%S="OBLSWJ7PES':FIUO$ MB;M8EG7^#]JBXQ0F5 A__4U%18D4 BAG 43R";S,!&266COFLS"Z#5OTMFR] M7,27MR2K+:U QQ"51VL4P>=\P(<4P!#%\^5,>A"$IN((%Y,T9A-4%B+R+Q(-NP M1A%\.'F,#ECT\,QA"*O4B,LR3\]W+V;;B\8NC;-U*'M:>U8*9C MK-X;";ZM)^NR@1:TDEV2HD9@5;"CR/(2\QT)> MI(%SI63Q[D'(60&SYB&G)E*P8=L92NV]I-"]4%\\80&<;BO-.8V*_>N<7; MM*X5=[=*Z];K5&SK:FG/9Z[IFH1E=OV#7"Q?PC((Y--Q+1+C21TJNV)W7;I9 MO,YD[C3<FH6HBMUW Q9(D-0L;@^AH)@W(%/3A>W M@66N#2/EVFU$>WY<%-?'K=/W:??WCXLKB?L^Y53D*_ZP$[SB KVN4O>R$;:V M#RB9*9-J!"X09D(1HLX&HK01(9@"-][4,=?4)? L.&"AO=@+MM,VHC.] .B MU+3ID76&$(7U>QW:MPW'H@D[-IDY+_UPFFP398EFAP0'V,QB0T'9QR'Q'@H MAJ_/4K328F1?WS1"^OHZUOI0_?*':H49/0*E@NE.!+@Q]S]@"0=D\P& M4L!%%7"A*@#/1B3M$F6$=V, /PZ0#FP:,H8Z#(SF]LK:?1FN:@OW<=:_8<* M831R@PKAK[]%YR+5E(-.BH&@-H.7B8',6=$0A7!N+R+2CH5Z+5AO=G+55FG* M5/+SC'D@"/5@D0A"?7"[F?=TL7;I7HH?;I[5BA|NF#]HG"6VN=KHI'%4W"M,AA&&2@3F?6)1N+VMS$]|_$M7K!.--X.769^U7\!'RYLH)4; 'BT04 M/"I5%5+TOAC)Q!L#(L8$)FL).C 5N#'*V;VS>]W9S)V@UE\N;!BNU4P0B*ZI("*^A*"$)P1N7 ML[91D-Q1N<6-IJK_OE97']L?^-)A*] >"=SI3? _6/Q. 1&.L(NPB[!['^PR M1:27$E)D"41.')QD!7:C9(**@KHJ=%14Q4]WMQI8<,X\8_8O>RATJNF$H.NF=U38X($)0${8R,%)G2%ZR+)Q4+ODV_(LB[W4" M^9O5\OTLIQC=QW\6N;^E[5[>"'WKFH[(*24=-EGLD=2ADX'8B]@[%.PU7MKDM#07%"YB*2$QQ':2#%*A.,I!L;"LC%9X.>Q6?2M5A5ZT>"=U)'8WK],6(^VXU M]_A]MPM^.8]?;L15O8@\7_Z^GN35\J+X$K4WW,,!*. M8)%8Q=IE Z[M*KQSM7QUF;%O^\C+6E)RM1'G>N,^-FV)?UV^#/ >SE;IY7LWFU=9_>9M1.4OQI7ZYD=COD]^T M5/HE")OJ+F-<0W"C$.UZL$A$NSZ@G0^<9Q<8R$0S"%KG='*I0"1;D,XXX54K M/1&>!NTDE=.RI/-&.ZQY[=#B?P&AR,4M(MP3 040EPBFN0DCH;E">&MF-MKY8AI;C^ZVIY467VY2+^8R>P'U_G?]P(ZR@-0Q14)%)T8+6 GBTD6@P&F@E!19I7=WO#D MHPST)P)(R?14J0Y/HPU:1K"R][25I9=7]0X3__&HI##:[2,2.51+AZBEE)64M5CD@QNBBEC(I-KBB8',0SC O"$=5H/^>"VEQU0D_;$^LE.A):HCM-<1&!$8 MCVB_YAR5,5"(1!$H4"+!$Y%!I$2HRE8(UBN-E/T6]^T7O+VN.4.H^)MR&L> *A:!#*Z]H?6X,.Y3]G.?&FRVSO7Z^EM/6D!EKC:(TC M*B(]'C?KQ&:GB4C%[@_%!IM:NMC3L;Z[L>E6I>I'!O9^\|+#DB*=8K*)@6.V M=O97L=C4Q$%BA&0>,PEV[XSN.=9W53+U_S]\DLR7TWJSFH5-BO6#EXOX^1NW MOODFK6;+N-^E.LRWL>BH'SZ$=V[Q-OWL-NF'G%-XP!'?PSK("3GEJL-6U4,X MZHN@V8-%(FCV 31-< 46=2U0EP9$SAZL9@EJ:3I50@2C[\:A'&.<#QLT)9EJ MC?T1NHVZC\FF?_4E&W]B-I/-NS3QJ3S)HD;4EWERV? W:JHS|I Q='10VP.E ML[5)0Y*)@W":%'T.]Z"E-C9(14V%DO*N=8E=.QT# I:*31&(.C"N7D,+&K*F5 M+O-6M5-;!P<$GQK&,:*$<78$2P3+(TSY3(FPGH",NICE4;("?(:"H5D)1GDB M-99Q!RR9H9HX 4026L"26O#6Y&+^4Y*#C-S:?H*E.5,E#8(EAM\[-I53^0R- M!%;DB#UC59#B!%)-YL?J)SE)II86C?01/RO74&(7H^0 ;_F1S]^[=NX/<'SH$ 'X PXQ@ MT0>?/Q_K!N"BSV71R.IGMNAK+5G^KFU7FY=/Z[=\NJ,J-[SG'H.@]|QS]XUZP>>S3;E7^.)*?WV7)BZ$Y4YSA(\U_;U8;NID@=%*N@YA@6@:#7"&_O6;U=T@00*[:X'V93T MVPQ4ZXM_F]; +3K7WVZ+E*!G<_8NQLN\LL=M%]GY2SU#C'!V@1%LUXZ?!IA^'8R",I:RQXP#V&S_[F ,<\XYEGGO3[_[8K^1Q]' P[-PX R3R[HSN4$U;*I)3'$R@9L LX G1' E];BR=|,,SC;P M5=M4__M_:4KQZ_R0]D?RNJHG;;%0_\G;+L'1?WAV;).4LSC]$+/P0$P0![<) M1Z"('V/EAO7E'=E7?<:G2K6?9@Q1#"#]H0K^*HOFQ;#.5:K/H" MX#BS]#;$!>G"/>PX,^#//V4E (S,]VZYX/ B=RN*[0R,(#INSY:\A-EMZ[B: M64KM8[JNHDTNY)HU57>KX3AUB97F[$7<\3EB?#L#E1M/1Z"OT[L2C5=V-+/M M^3KY$O"' UK9+A7#R%R\&]3W;@9C&$ XA_/_"C6TV&(U8^_B.]@4.=#-YS6 M^4.0YF3V']MT7QWG+[Q9_$+]-7]_^4-ZO;ZN.H=B!'L+4F5O1&$^]^F0.#P/QY'E&;94.-XPD8+,Q_:\&K MY/U58:Z_9"EXR7TDB.8H$<_G$9A(%4HAVDB#LOIE^X8M"/ 5T L7)^_3ZU2 M?M\+XH66*?7[&XNO[#C^^^UIOB"X>S;$N]:RSPK*H6 M$2-^O@23:PUW$@&%[_#394ZDP:_-;#3MN_].ST%MFNDLY-.F6A5-I6P":O/O MF9U,P0N GE),.=$IAS93_) .YMO.O >O"4HXR&[B7_#_/@,0;.FR;J0[:0% MT]B$6O66WN9OU_]'!O0<7^WN]Z^2>19M*YUR;] 0!XS$%8,#UKCO6M-YS94_[4? M7H%;J9GD$05/\L;HZ)'%Q",>L%,4*^O)TFZ*-16ROAF'7P!MIA_BY*([J,.B MBX57)D[AE?A: PA-SQP\.+$UDX?OC%II=PUO!BO*[JO3PE>:<#S[H6<6BYK@X M&L9_,#[!?>&OWEO!,F>X!5Q.,[9AV=A*ACJFT^[)3ZV+^N'>TWJVEV90[$ M,1S#-,+P02, ^VFMFNY4^(^3V(KFAF-VI\6_F?_]AF^V7OE_8LOFX0M___O: MFTMN_CK_\[_)&!952[L=3^?PXN8E:/]:YVO:W6NB:!!;9ZPQ:RL-7<.'VCU M!@C#1WB_CYT6].'%Y638'58PN\SWW1.D(P%'96A"A.0S"+7WR"AK4.0ZHY M3VJJJ0*:B2W%%'&7+Z&(HVM0XP+8+>$>&S,'7[:MC_^H3>.GR:UQXF]>-.1 MIQ_$*:-MZX)P"GB%P]WL-DV@ UNN"/4?6M>@:.7KDYGFUN%+TE?Y.L)^-, M&D=G+2=WKI>NU"0RF544@';T>+VAP5G&B7L-MS^,H99HZ;*8=]MWB3(ZPMWX$8JU\0Z\AMU:X=PYV!:C:9@4-4EX8WP5A^P$*")%\R;ZR1'WPQ['CRC8U^_M__:&+NM%!."#'@5@W* ?\/+A[[)/[>]S;?)EDL8]:U)V];4^D>!(>V'!7$O MI)18H$1MRP44LE)Z1#UWDFGB9<)+35($C0(+C6)B<(W!$5F8-A0,!Y9 N."1 MW+&@6QGG/B9W;.5R-HDWQH+HHK5\K<#-VL_4-;Y0_1ZL-D=3_TT3L;7$@*!><2XE1SY**W M*:B$]$L\]/EM@@\46NDG,/;=7N1<+4))A.I0%L+U'0O:: MMFTH1OUYV/S>V=:OX-4G4PLD;GA\]>FI:/9"?FARC\X#9@@#F?!"^\Z>P[9Y51Q4 #UM]>.XALAC>-%6.4[K0759YI?+H4.RPQ$X@#:E/8DW M":46O>;_Y#19RSGNQ]=EMH6Z??9[2::"> ^V^^|F)&Z;>M? 4F!$&F4D]+Y MW>.T+3SK&7/TY]T#A^-Q?=4'4O!B=<[(-SF-?YDI?@Z09I=PU>_Q.D=833T> MQU%WP]&PC9_:]_F8_]MQ@UNV:?;\BV[$&+<4X3;Y0'U04/+]"XSUF?1M%3\ M>D7R;'K>[]Y>9/W]B,_>_6.^MYO4-N3"5,#\]O4LS,_'FP3F(-,4&$8KM_-H M1]FOY%GK? BV_:1L"QCXMA MAO.+VP A#WWJ/F-077?Y<1KG"RM4_CY"L:-S+?$7.FLK]9/_?OO/09>*F.24!LQ:;C374H\]BJ[\)'\QEX'F MAV2DZ', +5F__?.#-@LTIYYDW>Q2UZ.'9O>^2.Z\UF*.N]?!08Y/NF!F48E; M69Q5WU]E9YGN*T*;HLG6U*+'--\8OCB+"ZF3.;7KIOS^:PWR3;M7B %^F;86 MFU$1]$U]T>H/P'9^SMD|WS]_?D;(U@*7O]JC+7B[V7C^?@VPP6PW\Z\,1SD% M.U_]S94661W:A=Y6V69Z@##Y96+B>^, M&$*[F:] X?9S_,?LP_-T-3'^OLJX;H+U<;L;%W7G6.U]@[\!\69^Q:(*+]PX MVU&+KM9]4X'UXVO0EASB M/%$ZU^G>RS89F!?&U[_YH(7U.+EHYEZROVSAEH/.CG(Z#5"T*Y;(#GJ:T:G+ M_71WR[(<+YXJE -5G_W"")E]IVQZ>]9W/@=''%YIY>447HF_P]=L:UNZ_[=87]:8ZVWW/;#,\R#$]HI@'U[IX1O8?- MV6^S+_MM1-EOL\|:5.Z:S&,36UU^JB=#=B%!=;!5J[\1YFT4L6T0]!#YC-H% MA1OXGXTA7NCB)+"'23T9-A>#+LW5%=>T2W'@11?C$<"VR>OR3GWZ@BXWKS3- M)[I=R.QB5] :XQO:$).T_I^;2/-)U'G?;R:2]9Y.6O#1M MK'":8.E++MJKN[JX3?D#G=>UT[/JE]F%^TB15YX6##-6]E4<^'LU2Z*=2BBM"'QY#R* ME ?$"8V@7IHB02*QRD0BQ#H5|9ZZ77?_?I'*4.R_[LN7DO5HJ%N3=<>_YY' MF;JX[7#0NL'AQ5,JBNZ%P_.UA3#?R'"[R 4O>VDG/04 ,YB$VUR|O46:OCYA MM+@:T(?]W;7Y;;^.V_=M-SG>EH?_[WA3PK+_OULLWSWU|PZVTY0B>,VXV8*V_P70W_N;G^W9M? MOKM][S[Q/IF-^M7FA;6)^>U_^?[M6?I6V6VS)C*9=\)QSFE37T[R;MJTP'M7- M+"\VCO-7LBAO)@BN7#FA7Y]G+.&%*:W5DYP2NAA.6RVYJ9_N"JS;8@SX{3). M^F^XZR[3 Z-8/?U;-2F08&^A3X'[]_9>"$)MHK1 M+3S[*P^X62CI[@9GM<\U?WW.Z#K:2=76H51_!9K:K>B3=D6?;9W>+4[!]D&_ M&8]G;1UP6Q<_K^$A&/T_2[4Z,'/Y\^@FLTPNU6L&U%5O:P6X&]! M6L62;|>?WVEQ] !60I#=HGIS'B%2ME\LD'_@%G'#@9S#I?E!851 M+KBZ6:L\G\1N(7F)?#'P;O.EDA>_Q!SN'_4B M;5EY&M6?;D?_I,>UQ1DW?]:Q5AF:RO=T@K>58_I=:2+>+N;N'V-ZV]H._Q_MR,T-YGXC;Y7L\S47=FR[!:"YWW@-4;7/1W)MJ9O9I%M*7[Q@"'.B)#N6N=B2'4X6ZTM7K\'I7AN\5Z+] M4;;NVVV_Q^"E*MN#M2^.H]^E*B^?0-6[H96GYIU:Y=SN_;+I?W>_$RML;K'EK)"W*=+O%W+S"%&M_8XU_YN#\66B(=V25##$658((ZC1HY@A:+",6#A M/$UQ'RU%0JY=$;&?6>HP"0#8S,E?#W6MNV&'7L@:]J&7-6?5F M-.KHU[RQRMR'W8=.0/:V;^Q"].WW9L5R>O$Y,::9VWJ41LD M$(<*MD)Y' MDK!|<8[HB^N(Q9|;7[D@N(1&3,XMD^Q]>|WONN!A.N=NNR%)9!>-CEX#: U MDZ&[|9%?2M+N8]+YJ9GC_2GB6P<,<1P@*&0$>9DH4(@4D/(@$7$IE;2&>Y'L M6GKYQ4|+"#2IQW7>C-/ZB[+0O+BKK*T5&EU7W6["XAT1VK\ADOO[C<=&+2% MWW<67A?'W_+S?E^BZ[:EY&7*VT"KZ1[.N\"6Z[UM]&^G#9](IY- M0'9!&]PXMF%HS@UENG.O4U.HVV7+FTCM]L[M']LX93*?I/Y=FYLUUI:,Y#)[M>]W];*L<>7I=F>1OD7/KL/"TT+=A7Z5331TNBQFID*T7+>U^T+$0I\K$6 M+2^QA(@AW!%(QIL0=R2"!X?$QZLXDQX:U>\1/_"-.I\WMYMW_GH#:$=* M$!Z:5G96+<@$W,'-EOMC_\C*OW2EKW29+PE_HD57\?^NP.;X5Q4ZGT<^WA MLJ7/[S9)>G=6_7>=TH4=C[']?;7_)-'19B+_%<7Y:WF3;9B;^.. ^K.Z@6GW%$ MQX<:*7T$Y>W6+'.O]=&L6V?N7RP'0OU6]*4=O$O;2N?[NN8=;MI\|.*.VWHV M;7)OCYZ^W*L]Z|@0<)/QGZN;ZWZS=;BW MXR^7^64^U[>IRKOQ%O8|YN]^H%WI[.*|\C;A MQ:X+7?5=I_WM5H;Y4|T6"/.35%ZTWU3*Y2GA^,+RMUE]O9;7M9!!(_4W;J/?\KF/\9)M^I:VKI6JZ0'8^,8M=']+75]W1'%'Z;MC1 MUQ_'75.Q.]>.9&Y65FW:?|VW/WR>N"}&^6[I]6KW"DMF|_YS:+D.$XK#[(? M=LLK^-)1,2JKG&>YF9M$/@#D1QVB"=-.:<:P^=+_;>$-"I&BI3'^6QORI&. ME"&BC%0I*>J,N+.P.;?+-^.P8)5O6V&\N:G46M-IW+MO$M=JPI[KU/22T3XGY^_-+,"?1<(N2B#"_S!.D+823(1K";=!!QOW.M+QLHOONFORTEN^SP.&]N(79L^K=8#B3=_5D27X*.MGBC-_<:#)C$RVX?X^("|+ST:<[J MD=NQYOE8[N)A&(9V\::32=]HZ|89^Z#X\3SM9C6H*QKNNEFUC+EGWIVLYN)9 M(-'S|SO:X'D/EYF_>!:"#_O-AQ\F-D<_:[J"P*^GD>^?*/>8X3VV M5|>C%G5R!+-/"6BPH5LQ+Q1&Z,1@9P'Z4D/8U2.DE? MM&-NKD99<'5QC #O(_?^ZK5^^L:^5YZA:P^J6DM/"%Y90FBS?QU-++7 &0@W,\QO.X$37*K]C_,+V@[G%TV\573%5S'N6*T2;CN MWC?O "|QL|)V-6R&7:>^5_-[+'P1OAEN5IS:QW)S)M0?%E>_^MGNEK^_<*E MY(P]|\+G76;.L"9FX9^M/KV,MHQV?;,UFF[PB7_^=CI9!0[]&G@+QL[ZWS]. MD9%/EVM3*@N;U2ZU-J:PCK?;4 UUWJ7^[E.T: M57*WD>X:A#|WV?6+2O4>@ W!9)'$*F |1.-<*_!=Y)7_\10O:V;Z9;TZ)#A MK(BBV-17;.K7,7BE46M4?[/#<5-4J5A5L:HU6M7?ZZ:)Q:R*616S>K%9O_J5AV:VFJ%Y27?K4BZ6GZ=DR9N=4C/!)[^?I4GLQ MB|X>S52>S$"+SA[-5)L,0(O.'LU4'LE_7I8 |H3XH!U3[]@TAKMRN.O*07S= M;!9+Y-O[+-X8W]^:L#=:[QJ^1UU9/Z!.Z@Q<>HW_/%-1!X9YW//\S=,V:D9'F.,$(Z^$OSQ$AZPQ"=F8@A$X.)+T_=TX M-FQ$1[S;B1(D:EQ/8 QK7MVM0# MKA[>|7U8^KY>&RYP5>#JT.]_18YC1K%(!1 CR/(:1>1E"HX+;0D:FD/Z@:;@ MROO9Q:S=Y?NW2=TTMPM,>=7VNPB0%# 8S^O",/%P5Y+#,H""7P6 3AN_G,*4 M!IP0%88@SEW(O4\B@C\%%PV@6EPZQF6;^)77QU^(7^V^9_2?.*FSMFM*Z.L" M7P6^=C_0 E|OAB]+9!!2)^18X(A;!24$"$-&*^6C3R'JI;8^ZX"O6^BZ"V1K MC!(E>>TH|64%"B77^(1,6+'%5U%>1 M1DH'6)B3|B$%I$YQ^HX*I(2A-,FD$.5.> EM-%IGH'(HT**NX3Y0N)1@W %); M33 R7E"KH-;N!UI0Z^OS^|=G-@U]:F/W*+DV$.)3E:E:(A"N$XC9/<:12>]U M6CJQ=ILHN(8TY7(2X$A |"%IKC\5--SS>2QH^%ST"DDKYU- P@B).&$168LI M"D0Z86SB/"UUF%'T'>FTX2YD#$"^TF3\%[2X%D=M)4K8]M%&69#[&MB0GC|NJ MBL[X]YNC"@@O3:#T B.>G$',>(JT"9*QX(A<7MF*02H6E$8R8 T^0RFD!=.(M:>.Y)\HHK?8D.2GX0.L2YA>0VH.!%I!Z+DBI@(75F",OHT?<.X=L4#X?I18S M376!; .DMEOJ2(\E,"^P56#KR&%K.IE)B((9MUX@&?/A8A@(FTU!(:6%= G^MI[79)0QN(CO)C@0$2W:RH.&IH.$#-914"V$M0<#8!.(<)T BP+&@DU,XYO-6 MEW;O@.USP=V8LCH.8T&L2AS M11YGR%(6$ U<"$VQBY9N@E5L>]\QA#STM!NZ'$05W]-.^3O83-KDLIX 9:Y< M/0[KKN\[XH,2GVJ1>R2*K7]D_3[?8>T^RT=F&<$.$2P"XDQK9+37*$IOE9'2 M\["T,LVXY"0&@8R*%O$H*N&\V9MT'1F(39<1%E/9^;@+6NZK M"AP56E*LA(I<(:#RG&1@.&G*%#@7AC&>3)\:25| VBYW:W65!7X+/!9X+/ MY[Z55)LL#$^(D$D%ZG*T#13>>MB8#@S?<(O/@ M360G%:|4OR2S3<_HXU/:|:.. ([7]H9[:T4:A[*N2.R%9MM9[*;S\R,D<%2> M31G'@C1YVQ4#S':80%8SAIPTQ&O'(]=+K?&$LLP1Q9#FBG??:(8=\C@F@5VD MF(D]26XSS08*;[B!YSY9S0Y98('.?9%%@G+C"AD<":([ZP0IHHC*P4 M1@HG(K=+&_%I=M)>SM* N- :[%@!G&B,7*: M6T2EH,!T@^-QJ69CF]B\B;3W5M<@#]$H-YOW+A"]+[(H$+V50X63],I;C*(- M%G%+'G/#^/>F$)MOVX&[.X<\5#'CO0^;:#:4:W*D-0M9(]/87Z+X?AC?NG|=32RU_6L/R#Q=?N)&?LF1<^[S)S]LP+GWM9&5\9WY/& M9S;XO)?ME%D%A4|99.Q1*6/S2C]TSX'!]PZ>U#YQR(>^;1(4)G_Z?ZAW]Q. M_GNT*>_.:RRH776Y)CPX9SHHHBDUIQ:9N"SRJ7'WW]-X[ARBS8E7%JG9B M5;ENZG%'5AZBT(I9%/:GEF]L\-)]4|[FL6B1!N*9>>;0#<3R^ZHP.Y)4OV' MG?P>N*:7YYTY/#Q+\KN7[O7K?]?DQEHT=FCF[.YP>++RMNNQ\G#>QFMX]:>YV^>V)G,$*EPXLCBW&5,6X&TD43G)%QQ5F"6DGF'$.Y;QGBGEL$ M7S8H1$>I=XFD_3E+4(B!+L=R%;C:AX$6N'HQ7%D>DX[8(QFY .@1#AFA>>Z1 M&*W G-/M@!7VMS^D\N"7P6_=C_0@E]|UZ?$,V&B=0!KT<._3'9RNTC!DL&8Q M!>, %W>)AYOH4T(WW)||S^QIW5U("BX67-P[7D>1(BDPB121#G&,*;(Q*;2L M4XZ%:(-Q33?(AO#3LVWO-MS^K:3|M>GF<3\6PVC&U_ IY7]&,?^NFJ> M5#-1O.C!65=Q'N]^TX$EQKE#TGH&SH,*9!7%R'!F*$\X1.GO.PIE5"2&@YM) MX$&XUA*9I -*/&@3K T|[$T.4^D!(24'4%[J#P9:4.JY*,4P2=Z(""A%+>*9 MLQH9$PHR /I$$CQ?HK@:0*FMIBY-67DIJ+4' RVHM2\)2^>,()8%)%4@B#.5 MD::$ A1*X&F>2Q_2+E%P$PE+08X$!4O"LL#AJ<#AV=V.*FT#O:9D5$F<] (Y M1QU*SB7"1%**W UZ;SE#G$E!MN8KSGZEV*+;>3IWQ:7US&B8>'5I?V.DZ* MM5A*XMUO@5%!.+@'8ZT"LBN YWI'D9;<1BR ^/*EQ*20C%[C#4I!)<23MQ<@8I1'G<(6+W'JB]B0QR4E +VP20\2$1!-0[2N%1?(M.,R-X!9KLU,4W$@AY89/?"MYR0*'!0ZWLXV/:\|""$A(1&/.B+MHD12*BFYM\1[CI7TQZX"O31^N!A'FID\,WG/M/HCRR:=U1# 8Q.7DLLX'1%6N'H=U%U0> M<5/YIUKD'HEBAT=X[ULSO/471 4:!??@]:Q2B%,/ L<9RB6LO-Q%[#<5Q4X*K"DM29NDJ$5"TX"XHQ3I& B 9611.HEQQ%L RZUF:>6&:IZ+Z>Q\W 4]!U4%#A0] MMY,MML$9'I'%B4F-,,,200P>D1<,"T>-CE+0$HTWD2TF|&30>#?YV#T20('E M LO:R%]+& W6NG@ 4:C34AKB5$2.(0)T.6%IJ7O).F!TPUEKD/P5V_#:VL%; MR$[*;:E^25Y[Y1F-#R6VVT<=1F+[0SVUHXTBV5;+>RV$VOFD=(X*@< M&XO2:"4Y(LQRQ+$)R#HJ$=&4<>' :>&EPM_HC%7!8V2CS4NXU")MHT*"FY 4 M,<(FMB>I;<[X *L-[^W=)ZO9(0DLT+DOLBC0N0WH-(!^0DJ2-PCG9BX8^#TS M&#FJB#,B!1.74BL;@,ZM)KH9W?#6NWTRHX*E!4L+EAYDVEM%[E4(%$4E,>*: M.*2C8"A%R;@6.B@K=XG-&TE[DPVWFST\L]QLXKN]+|(HH#T-@@O44PY'PR* M,J\E"H61(9$B2X*@D0$\::IZE3|$B^G\<+%2<7PH**8\D$U/8_5 MV_H"WN.Z.H^C4*UB-%]]|OI[BWK+HY 1.8U]WA]1D.5.(DNM2QR2PBQ0S<=\Z[U&<>[9ZE^+\5#?#_(J@'R##]VG^M^UW3[>]VO6BU/_SX[H[9HB;Z;+IY^;2)XV_ ^DH97\4&3W9:2+'0M!K6PT^I3 MG.1J.*[@\;.;250C$$5UV8\]JI5_[82*,.$T58PC+*(<"8).<$YHDHR%37G MBBV7ZFU)91:X<_[SFK#^X;7.K:G.I^'T/.N'_?A)Q$C_F31HI'T]_E8^GWR/= M($0;")XD\@QGW5 &;1$T\C1H A[<.[DSW5A7P"0'1.Q>(\ZJZL.B2[%-ZV*& M[>>@*:&R;C@"?*RF=75>@|-I9OY$7IFX^EP5$VBSUW5K\|J\%T6?FUFH^E= M=Q6&>^.M "FD"QRE #Z*<^V0\5XAZK#3+@2NQ)*WTEX:;8!+!JKPX4$U%,F M@I00-' L.[V:>KU9C2]/FQS[^_G<0PG&8U^[&>_C2)5|-ZUHRN?P:I G4+ MRSKW!&?U0&T>BTDG')!@N>F.\N"QB0^(8 U^G!LGO5^2 55>1TN0=3$?)0%VM9G"@R%DM"76;&TSW4P:C>H6E[=CTIEM'_TDKRBH;HS\'M@O6"T*K?"MX-(FM MPZN&8*[#23X>H?MX"/\%:OQ[;&DW2-U-%^T_?R6"6P&:FJU]>CZ)X$JZ7\;# M<:PNX7.FRJ.81)7<-JSK8OA3I"Q*H: 0./\- *CVP#VG5I/T8TKD.YU&\3,*0Y!SUJA7.(KQ?AU&#:7(WO]*G_Z^M*&,!Q_M7"A)&H|:5<TO^9RG_YUZR9#M/U_@^K.Y,%ZUTP4\%**[SUD.<--7 M-X'>YT<&=(0^-12ZS21L:[!4G?EJ8|R;63[_*8CJ7WDX'H'.H69J)l-7=C:M M7]_] $38_;F=U*XJRB88T2L[^F2OF]???'LS_?V=YS/6!L#M="W,^/+,K7>" M-

*I6K>_9LK(C3%TWFL3Z]\L$/P5A_!TTWG'XS]\U&!: 0XN 9*&ZG-0^QM#L4:Q(N4M&&H^$(P 8 M/(FL3>N*RN\/^ B5]J-&*> M4H L29&U$@/1X9KFU((G2P[^.9#U#N*X?^;4WE^'C1_5S0PD_ %N^=VH]K]_ M4T70SYHW!K4RBBJ.<8*'98(XB$H9)6B*!I0*1$4%WJ]:O6F:>*TZ64:WH]_SBB0 MK;^MHGZ1ICV&'LGYUI'=$;14YP16BW<9!QL@2+')F=/AN/X[+.LJV?3Q53H M_ Y?FA+UNJG2<&S';8]WVXJRNNAE6=GIGO=IF1F2_R M]GYE>:=0&]WW<71^@1Q6_^3DKZ.10091P]T_Q_"Z>Q+!^ S_87X!C&)D+YOX MJHF7-C>IF]M46)30W?n;5?NMKH:-LNOYK?XX&-5-UC1?O.F|B_'VL7^'_[MA>O(&://O/)YEYDSHK?ZP#+",L)I&^'+=EFNPI*G:+WLL2F[O96U.?>*>N!|M!U_H]\0A'WHK65"8 .G_^8;P;UXF@H/?^KY$GQ\2ZP.LO4_ _=E-OOW+-BG]O8SRR)04Z M9!PKHBC&"ACHD6#BC$58UJ/,;&B0<68BC&]U)@>W6OJ$ 6U\V!U?NS'9H+5 M'6T\?=HA';8YK^* 9\,K.UI<'WVZ]AU^3NYKJ',DIO+UJ3R9@1:=/9JU/)F! M%IT]FJD\F8$6G3V:]3R2@>ZDG?)3CPE\]%?R 1T"^(]Z'* [N$]S=9 #N#!M0LN*V^['N9N[:6.TYPF:IVU+P"0)RX1%R02!N'4>,"! MY.2DSY: M0B;D2R 'C>)45YMO=!=7M]OB22C[Z#.OO]!)*+SI[05]L.0(N.'LU4GLO BX5>MS50>R4#+,O-V@HQ??ZD^3-K-P==5[>);<.5LM9\G*'X:66:2DJXV.=)3-^! MVN<#IYHPQ:ES$2F-$^+!<.04Q2@9KBDFQ@<5[F>"G0TD"4F05|(A;I+/W2P5 MB"I/NE,<$&G4YR^ T6GPAZ*?9[$]!VH?:YF#T . M9,*8(RSSN5=8YW]^U""LDQ$X:*PS$[BWCIP$3@R(@_7KB.7E- 34D)_RR>1C7.WN,I^C&-_O="><O#B/H[2NTW(>A=P5 M^SR)Z3M0^UQ-[E2R1!K%$"2ZN)\&2IUUP,4K&@-)(!PS5&*:0%TXAIX[DGRBBM"GG8M7:72]'M M)(3>UA<7<=*>OGUI+^.D.(NC-*?3RNZXH+>3B,T]"OGS5Z%+FBR64] ML=-8N7K]A]D\381'[6_V2!1;]4C[?6+OGG'*HB1+X^Y 'L."%">L!(c>*O9 M+4U8.N(L8@R(+4])(DVC1(+XY##36%@*2V3_PU#)--\P,2&RP/VR3P*1A:, M+!AY<'4 AH%- IH'!5HK"96R0FGF0A(8R,@!N0$&2L\8C8$PJF1.*K[Q$HH MRQQ1N"?#1,K>).!,27X?$(>%7[.:>Y'O;"$ M7S>#;O>>N>(ACQWH?%C=Z>TKDJOV-JWGR%XV\543+VTNJ9R/OK73[M[?K$117PV;H1N.AM/K5_-[M/)![[AXKVF=^SC+)+]@/&(3\^?4WWW[A.G+&Z#.O?-YEYHSHK3ZPC+",<-I& M^+);IU6_^)35]AZ;,D*O]$;WW!A\[^"YI!.'?.@;GVI.VLZ+VR\2P<&7"[0/ M^=39E:M'X4&Q9I99M32S^D=[RG+,A^HTE6VJ.E5_=I-O__+7Z..%BY.*D4%% M.66:4[WEOL:I76W4+@&X<_M>?VBOYW6+2!DD<0M:M)OBS@P;%O|>K.*K(MEA3HD'&LB*(8TZ.,B18-*L94C&D]QO0H!GZ(HBK&5(QI>|;TZ.K<0Q34SH/5_M>4'Y9H+5'2VM]VCA&W.J_COV?#*CG)2Y?FJ=O@IN:^ASI&8RM>G\F0&6G3V M:*;R9 9:=/9HIO)D!EIT|FBF\D@&>A][1[:77I'>O^48_C=07/^SU.JS1; M?].Z@X66IQ8K'GFA[IXG;)[8VT!*'7B*B..4$*=2(HJH70SV Z2N&6@RU&.H!3%\QU!5\]:N9<<9B[WP|,S\A8S(Y"ZSP6&O(;8N<+\]P"GRAKS,W-M;?:GW<5WVVZO))./L=Z,LGDHK,G-)4G,]"BLT M%-TUN5-Z %_-LN2NR-,I3M^;HE-A#\4^3V+Z#M0^5[,'X[VAPDGD$U4YS6.0 M#<8CR15S5=+C+G/'I11D1A.NS/6N=82F:0#2CQH$ZP-/.P|-5380TD-;2DU M]+:^N(@3#P^M+NUEG!1O<93F=%K>HK"Y8I\G,7T:J^KV9QGO"D2,4HRE_Q(M&I$FU"-#95!*8\'($IMC+C"B(T$J4(=XI 29Z 7RG!(B"39>L1VS.68&G)_V M.E\!IU.BGV>Q/0=]'T^_I)#$G?/",B2%E8AKYY &MXL2B3ZO("BS M<>FX9\FH-=[@%%1"/%F,C%$:<1ZQ<)%;3U0A#[O6[H/8-_;UXR6.(E*"- MRZ]28O /%U&;9;>0 I-%"8X-)@N&T0<D[E"N%8* MZ>0,"BS@)&T06HJE=&'B$4?*D0_)P#5)(.M#<8CR745Z^D7L,B18-*L94C&D]QO0H!GZ(HBK&5(QI>|;TZ.K<0Q34SH/5_M>4'Y9H+5'2VM]VCA&W.J_COV?#*CG)2Y?FJ=O@IN:^ASI&8RM>G\F0&6G3V M:*;R9 9:=/9HIO)D!EIT|FBF\D@&>A][1[:77I'>O^48_C=07/^SU.JS1; M?].Z@X66IQ8K'GFA[IXG;)[8VT!*'7B*B..4$*=2(HJH70SV Z2N&6@RU&.H!3%\QU!5\]:N9<<9B[WP|,S\A8S(Y"ZSP6&O(;8N<+\]P"GRAKS,W-M;?:GW<5WVVZO))./L=Z,LGDHK,G-)4G,]"BLT M%-TUN5-Z %_-LN2NR-,I3M^;HE-A#\4^3V+Z#M0^5[,'X[VAPDGD$U4YS6.0 M#<8CR15S5=+C+G/'I11D1A.NS/6N=82F:0#2CQH$ZP-/.P|-5380TD-;2DU M]+:^N(@3#P^M+NUEG!1O<93F=%K>HK"Y8I\G,7T:J^KV9QGO"D2,4HRE_Q(M&I$FU"-#95!*8\'($IMC+C"B(T$J4(=XI 29Z 7RG!(B"39>L1VS.68&G)_V M.E\!IU.BGV>Q/0=]'T^_I)#$G?/",B2%E8AKYY &MXL2B3ZO("BS M<>FX9\FH-=[@%%1"/%F,C%$:<1ZQ<)%;3U0A#[O6[H/8- ;UXR6.(E*"- MRZ]28O /%U&;9;>0 I-%"8X-)@N&T0<D[E"N%8* MZ>0,"BS@)&T06HJE=&'B$4?*D0_)P#5)(.M#<8CR745Z^D7L,B18-*L94C&D]QO0H!GZ(HBK&5(QI>|;TZ.K<0Q34SH/5_M>4'Y9H+5'2VM]VCA&W.J_COV?#*CG)2Y?FJ=O@IN:^ASI&8RM>G\F0&6G3V M:*;R9 9:=/9HIO)D!EIT|FBF\D@&>A][1[:77I'>O^48_C=07/^SU.JS1; M?].Z@X66IQ8K'GFA[IXG;)[8VT!*'7B*B..4$*=2(HJH70SV Z2N&6@RU&.H!3%\QU!5\]:N9<<9B[WP|,S\A8S(Y"ZSP6&O(;8N<+\]P"GRAKS,W-M;?:GW<5WVVZO))./L=Z,LGDHK,G-)4G,]"BLT M%-TUN5-Z %_-LN2NR-,I3M^;HE-A#\4^3V+Z#M0^5[,'X[VAPDGD$U4YS6.0 M#<8CR15S5=+C+G/'I11D1A.NS/6N=82F:0#2CQH$ZP-/.P|-5380TD-;2DU M]+:^N(@3#P^M+NUEG!1O<93F=%K>HK"Y8I\G,7T:J^KV9QGO"D2,4HRE_Q(M&I$FU"-#95!*8\'($IMC+C"B(T$J4(=XI 29Z 7RG!(B"39>L1VS.68&G)_V M.E\!IU.BGV>Q/0=]'T^_I)#$G?/",B2%E8AKYY &MXL2B3ZO("BS M<>FX9\FH-=[@%%1"/%F,C%$:<1ZQ<)%;3U0A#[O6[H/8-_

*(9[47:+GLNMJ5\,EL@/6@S7[V+T:Z,JQ1II\ M]0MOV(XOO0\89V 3SR4CVX5]Q!U()=>K9L $?'^],$> ^QI7\:;H!)S.6RLZ\ZNY0MH.1 (EX&A&=_<^A,Z$/=U:J>UZNK5\,S M;CKL\:\M_#L_X6K@ /NY B5^>OW-OW[F/GJ69_>\\WZWB3/*'_6%<89QAE.; MX=/VZ+YC _5'S?AY(#OI?CWC3W;68^O'\INO6X&3C\OQ+[E-:\C?+EIKDQ_A M[XLN^6%AK/DWU?[K7WZURY6]5+9-\G3V<)0V[76>%%,^ZWC!R+AW9MR?ZD7D MVXFVA#V6QO+%V+5GU;CY*2G%P7Y8. 7&U8/JQ;[O$>VB6P3^[Q'MHEL$Z5- M9)O(-M-DFRAM3C#[Z11RF[;SLI67R1R81)C/]AYLI[R$GQXH]^ED8>FN01[/ M/-AIXM!ZMT@F5SHAA35$2BD[L8SC7-.<<,&X%H+K'!O)[@:8B"]3U"A+LI+1 M(>"}IQBM:)+,UE2DDJ2A\/7A+!745T!E"34I7!-WL0E19.*(EIA*4A'-=DE3+,D^=U85\6C4*, "K-7W8_ MYUC[AXL\N]V85LY]YX ;>"}NENU0)\?HM/QEGPRH6.96%WO 5MO9ZFPC%_["C'&CL):1EA0;&V'K;&.)%$6NC,]XLD^; M*5[.I2!1EJ:L+(A5KB*L N139>X(MX[:DG*]RCV'I1/" M4E451&0{)8RE@BAL'ZLD5X62I9#E4V,DIQ$C(T9&C(P8>02,Y X@,56:5+;, M$",I48*7Q$K+9224]N+6"D*8BTI28V-5PZ6O%,/G&;#S$K MT|CKXXGXCT+DBR>]9P61LBA96GC*PK8YJL ZP(D+FDFCMMI.'UDZR_)'K0-\@OPON6C.*95MBL7LGXOD MFA(=Q4iY#^0+R:C2-*M(QI4DK,A3$$AE10JM5)D9]M*"Q6+V$V>56%DTXF7$ MR|>)QQ>"%4Y14E34$F8+1;";%7'6T%15HBB+6,Q^ZJP2\3+B9<3+QTD.*%11 MR3(GLE*(EQC5)BJ*AV>"IE56E6|/COPKUT^,52)>1KR,>/E(E>N9<*(0Q#&F M"&-H6 .<$TH=JZ0 O-S7+V/E^HFQRH-7KL=O\;'U8BW[I<3OX>:G!,9K;SSP MDMNN"T[D"-7YM2H5S8PE12XD8=@!0KI*DST5=7U:7:+|OK'\,+OU?BX]_Z)L^0GNTK^WG1= FN0^$7XFKKV1QG5=]7[M8U"3JQ@766H)S3), |LP& PHPR%F6YWRM+R.W.OA&ET|3-?ZS<)\7]_7 -V_ M(40)1X]-B24_DB8=6+[54F60&H=KDN"_P>)H-=S%&F'VCD\GVX'3)PEN*Y@2QAG&+L=3,FV?DE3CA738ZN#(Z[S-#CR)03=1\:-K0XFR;>3 M:G4PO7#16$@W%M)[('R+]:8'W<* MR6IX@CYONNY8 50G[=F^;_3/,X^"FSA^WK0,W\XS!N2.)<\[6S!>,,)TFA+F M-"><6DMR6;)*Y\;FN3E&"ALPZ+N%;BXMQKG%NSR M&659!+L(=B>WCQ'L'A'L9*99Y;@F0I:", "X=$3I7Q)4YDXZFN>)'21Y[4+"C M.9OQB'81[4YP'R/;/2+:E0!;3-N*R KS"X161%IG2<$T*TLI37&XKW* OO//#?_K%P20.(\MU@"[!)XQ"=Z=$FS7G4KN34#UXGR6]. NY M(=%W.F5V>M0!\A,5-8=%0UY;2E7FB,G\|&=6+# _944*HW*I:5$PN]?5X3XN MSH'YW@3> ^VF-H94 _Y]\UOV\83V?E+4C.@)[;LN,] N2XH8N2*P$^5%PDJ8: M>U%H0V2;"I([4Q:NRGG&]OP;1YQIGUFW-^&OG"MG,Y9E,Z"& Y+Q68C*V+\M M0O.+A&8C*I$7KB|*W/"M$@)MS8GN:(TK7C!.3V*0 ;IH=FF-K>;.6(43)=) M08FP\$E+QXHR%[I4] %G^E#0G,]R(6:5P4Z:$9HC-#_U1",TW[NV+JB!:(3F",U//=$(S??V=>>YH9E,B5+.@"ZI2B(. MJXA.LU((468, ^V!\O:_[Z:&YM*4P19D16E05885FA.O2$=""RR)+]3L0L'$ MF3Z@UERQ69IQ",V3CGR>4E)!YH^/;#W?TKK)M8=IK:N0GN+1MJDJ MBQ8%X:E2A%DT34KM"%69M@H,E(KN!_+[A$W? 1QN)(K$(?NC;_O M)[_'NFMMYV\9#\#3;7F8W?;|^_#|"YZ7*4LM<59P4'>X)(11T 3R++-I518N M>)Y#Y]|+_45<@/^ZT^YQT3 &N;W(H5|4TVA)+00*QC()GC--!,,.C%F*T0@/ ML0*/+[#3,_;8A_*G!U!17$5Q%<755,55]EFI"IV14F8.K(NR(-S")YVK2]:T ME(7:CPX[0IG[J5A7((V]4J6*:%Z!N):5@VE8L#,+^%*X*F?%44Z_IB"NZ5D9 MQ5445U%<17%UJN*J8K0RN53$,%$29J]<\$IR(E2EG2DRD^U;5_5$"9MVUOB3>XVF^:\"]NWL8%)#_E/'VUK$INO4.)@ MB9+5A4^2&M8I:9S_:K%W9(JLZG]:^2+X>'*ZP*K:EXVOJFVQJG:R4U$[P3]! M_D*L?#9+8 1+JW&[YE>SQ*SA4?K-C4ZCMU%Q"L.,LWN!LRMC.Z/G MD\5[OWX5)SOKV!@E=C0ZXCI/BBEC1Z/3)ZC8T>C4^'92'8WV(XN?5<7XPY. ^ M-<6=[+QCI?S88"*R362;H[!-;# 1V2:R390VD6TBVT1I,P6VF5Q2[RED[/ZZ M:O02?;/$(^FC]30Z=??V76-9)I[M'BM9O/W<-2=5041^|)6Y90(7C%B;)G9 MS"I;[0=?ET6N]!+W9#K' "*7$>Z,(1(0E4IE:G(KT?-?&6LSJM+P*;5%ZH^ MO/OI[1?BN;)T1LMREAZLEA8)/^+6<]Z^9X5;JJRL\OGD2CG"RJH@JA*,I)GA MS- RDJ[5>M7GF;,4D+8C),)'76D%DJAW\![#/::L+44X3MV@U2]-REM.(6Q&W M)C#1B%OW[@E4Y3855)T%O5A:4&)E+(DJ3)*V\H6E=R+4BXR5A95+@AEE2(L M9OD1VEBB4UU1[03-U%[T_#1P*^L:$;=>|/8|*IS*39'G5&IB%8"7S_H1/.-8 M44&9+,]2)NQUW#(\Y25/<^)R4,\8Y9HH4, ^(Y%7!*BYL2:MIXE;4M[["<_C" M.P"]M]\VJK37V .J\$Q%I,:H0GR>'1-'P]G=>5I4J;46,S% T<$.DXQ3[+&34 M&EFXLK@N&O(L5S8#(0+*+)CBU@G"5<;@$6G)F55,Z;W]<-.0#=FLR/)96CR7 M(G%1HXVP]2)ABVK-LQR]@2G#]@I"$9D91K1A %^JY-SN:;,2"668DMT2@PY%E M%25*%5)L[30!2]%8=148ZO/]UEQL!=!I/L(6\]Y^YX5;)FJ2&DI5XWE: 6RY;*\B:ZY2)ZNR(BDM'K1&KDG0F@D@@BA=_=8MF**J4IF!\EX!)F::$Z&9(57A2L:M8)KNU_=6H/OG*25<,07F0LX(EXH3(Z54 MDLO*NKW"C-. T"IC,Q$!-)H!- (H$?J-BN4JWQ[65MDA%7*$I%34$F%*BN5 MT8RK_#J .LLUSW,X*-,"3[<842H4NJW*RN>BGVRL>]1!GYI(H1&(GA>$*K* M+#,ES8G...B@-@5]DE-%N"V$$TI;M-A/%TH!>!G%YFD ^Y-4 [(+53P!U2YE1 MGI8YFR:$1AWTSOIL3]!$P+?M3=NO^2W^M)VR4_V8_*^N92+NV#DP7K]!{^% MI?"%/5<=D!G2WENR:+/1)/P_&]VZO3_D]0+8S^[(OEK-[>?B*E;Z\D.2V6O M+Q>O3=TMY_+]%?[Z>BD-]FW?*K=0AUGTAP'I687?_->Z6]7N:GBCOY?8A7F] M;+K:/[RU+^#E*]GV!-@R3_)^ MO[:V?'_KCKM#3\!C=RQ9O]F,YU.#_QA].'):E#8';Z4T IN844;^(&>)6'F3|$4XJ'; MAZ"N)!=7R87L$ID I1&-AYYSWR2B&78^2F>,")/*\M?82;O9]0NI5ES3.U=HF M?D1)O1C[9FQ/X;Y4GF76IHH+0#>%?PCBOB')6D[P*).54=3*ZU1.TP+4Y4 M>L=^22X%U3)/2^(<,T7)2TNKT2:7'^KVU=\;W2N*/_NI_(HS><0]^&O3K9K% M+/D1] &I+]:=7<&RRE62944"6N7B#Y MR:\K6/C52'_7-8O]-7_0IBC??H.# M\SSQS9_/$B2C\00L,P,4H@.9&+FRR4<@K6/2!>66I3*O"'>,$E8!B$D-$,BT MMKFDE96I^GJZP,E\MS67[V$]NS8!3H[XSCAX'S'RBEQ9V8(>\(CT\[_E8BW; MJX3Z3CS95$@&$P*M=NBB72^PRT_;K,\OCDH.NDRKBI]2<([]35U[4+!A"]13 MPL"O0!-?0PX;80C3^.'3LFXl8"]T D2Q/=6#[\7! TF4$R&)ZSAA&GM<6& T MY\;B*55E&L2%!E@PW!": D]8LE!YN1=&<#\ZZ+JFW56*?OA4=RM$"A COI[9 M;\T/G^ +LTL@OGT23&;>/::(6303(8&57WT)\@PUCK[PFUV?G<$+5U05R@C4XP;!SE%I M+N=>0,GY]W6GYTVW;H$,_RKGJ,?]>@%ZP[M%($)8U/=H.%KS6]/K\JCF?95" M?QLE%Z^93)<\T+,L:E@@H..:U)W':D B;'[76HTVM$F:A1=>O6[\/]'SVCU MNL.M\LXW7,%A05..EQA[N .=\|Q_8F?,NUY:EY:L#?I&/M !/,BJQ+! MQC:]YG^S"<=''Z;'/@//)&_I%)*2WN/:D.:1-?KBT8XY5LC*26M)DTWIV|WJ MFV:X+S&G]3,U\;2PN<&T>E'F>9D"&FX[$N17XH$C1"=.T):3\Z<4 M4?L5K/,3QND\O%R8TFH|M>B8TEK$/(:'-#EL*D6>523-4TZ83T>090K ,66N M3%GJ["$%$+"V/JH,HK.4%3%/X1YY"H?C^H\0&2!Y7ECE#+;'65(1)(#$NN"9Y M:E66&ZG1 S VS5,UB;P(#UC]X\'X(\;#E"< M544,!WA&IO\=IWSJ91MC1$", "'@N$0&W/O,\66Y]]?,.<0$Q+N"9. Q/P1OX MWE[*VALR(UO2VBQR'6,#)@6EM[-39#!F[),R %BB@% MGB4_1/|_^[M.*0><+TA9Y=C;+A5$IB + -Z+0D@#0)X^&OA_O[8_P6M^^VCG M'^R/\,Z+[DC0SW,>H3|: W>&_C)"_S$.,I_4) ,.$9_Q3\R|<77R(W!3&@+PP MF.S/N#!@.\B,9'CV3V6FI*I>4WR@M?#;Q^984J-XU,/^$^22:%+<@Y5^:U9R MWA]W#^?G4B NE@.'%I 7@O)27"YIPH*67*E!,TVRMG^Y R MXFC18%Q$HR(:%7?D$:321/K2R4EKX?(.OL?PI_IR.:^M26KD=]L=+2/QI4F$ MD]>IHN5QNU,+QJP2EBC#,SRUX&!Y<$=RDYJR*FRJU5YKX:-+E7\L3-UIY&5K M?OBDX=(#!='O+V+*/)H?T?QX2//CZ,DN+TW:Q(/NTQ$9M*"F+'E.E%5XO,TE MD=)D)+>*4T?+2C#^@/DHQ[,[\GB.'>V.>R;_+YO6LT3C]E(OMJHX1G$P<T!*84B;GD?+C MGT1T3&D=GUJZ3&DMGD8O:04^LPQ:@I&+1! /+$,I!7/9$IDJ00#RM11%5/H MI\LD#YY" QR:)IW%@%27Z'!?W2)76 9^0/IX%AV'C]DL^W4 M\]W"]|<$E&XZWV0I&1%O>WT?'/OQE<|/;)\?E3ME*2V*)R M6-XR)4)4EF1EFF>EMMQ6>|;E!544H)2!7DFXR['-95H99TI.Y5Z4R'WTT8?>U9NK73 ;KF)WN?N8 M9ZWMEMAK_8.=7X76A:<%#)HSYPREI*S*%&1LX0@73)*46TMU07E5[C7/_2JY M_" D5*4WGP^\1@&4M3+2L"YK=&^[L@0@I%>$&K*I>]@ 4[AF+]L+M:EN+I M=W4 ACN:F3NX*0=*I^;PH45%+ Y*,R 3-QZ/D\^R/G:=ZU,)!9/].T6AP[" M!S;)K=T'1FNXK,4'K1"KSV5K?)PR|GP,IF%_T0H^_M,"U3K;MO!*1/'0&O+6 MIM-A@PCDK=6IRHC654Y8!LRJ `&Q135E(*++HLR/ ;S8F[I>>6/OS<)\U_AP M;+O0M>V^,"+Y]]>+M35O5X<=]._T^5I6V5FRM9Z>W7=6(Y\]U"'=O>>X+[G M?C)'N'??Q7 !ON!5O8)WZYNS%FKMU;(W@U_DN>'GNT4R]OL&#*2[;E!_CAAR M,QK U'F_&J.7*/D6B]IFZ>L?;;O_2/96R_]*7_|Y^5BO+1(??_T^>8=/7'A, MEO/DWR_5WV; +(ET#N!4KKP"'!]V/^7E\C6,9(8NB[/=-XW/'62PL2!.FR6^ M)>_[3TG=^6?]]&OQ M!F9\4:MZU3]^6 ^XHG^3EP@+?+2]PW3"")6]7-2NZ=0:GSC:#JV5'AGPS7_[MIC^BW/_:"?VR;KNUA 4%PO0K:-O+;G#\WT"-NL=]&Y7<&USV=\BDX]-.S?P M0@L6F9ZO.U#3DF^[M?HO4-GP7:UF@%J<;3_ W?X\O/, -0NSAJQJ0.)S?XUL M]<6?D0IG"3PE,)"OUCSP4J@?/3PV#&,I5Z,4^6/12"07S4=\P_# V4"%.[0^ M2RXDC';K&WCI&LM1UY<8PC)#(|/_VIGY? :+!9]+)]$.5/"9?UL#*]1^K/U! MQX9I[,@MV%]IV38XSV|HQ8ZL,/[^K3^ D4G/K;^$:W?X%50QW C8?@M*E.X? MN;RXF],FKW'(?+6Q1FL]M,/0?*!<23.7[QM0>HCR*@\)6NN \#PAKI? M !CE%#)%86OD:H=1+B5P ^S'6ZO:M6RO4$YDN|STL88]5=C_ +_7M5>&&WQ> M3\XP0MNMFH7=]IJ^1(L425O?U$#+S8.?+"#YZ"#K^<2L/@*:?1)H?.S!R%Z M#0K___IF*<|M633&#@_Y9J?D_S\)UGG[|(KDK]W&W] M;CF75Z_PU]=+W+0%^5:N4KWP0^T#_-*S"K_YKW6WJMW5|$9_+P%C]/6RZ?S6 MOPHG/Q_L=@GR.63DTRU#0^ZNF6]"D1YKOVBVLV'>S\]WZ6(.D.S'7"_F(1 M&91M7I)^]P=8P_"UW]40)2D=3.F5G'^45UU2NGU[@X-@;G7([' *(AN? D90<*Z@Z_^@X@K%Q<$1O#+5XTTL4D.57!T3! M!OM7M3<@VN9*SC%*-@F#1X_ ,9RGBSLRNL?7GGJ95 M6KDX1!W2V87P"Y) M!W^"M#+U>1W4K^TD 5X,Y7"_K? _LOP#EJ6Y"\R%,9I+ M9D>K"Q?@W+HU:$K]C+WR]6T-KY(XG;HQ^(@KT/9 1"+<^|>ZNH4W;O0SOW!X MX49: ^JP;I\L(O:HM ,B^PE#*U-/K;U M"N8"F@3H:S:\((QMV> <<6@;H0_CP??TN?_3.>"0V*3)ZH((1PUA#@,/&!YFQ;7;TIFT02-YB'^Q^>.?ZOEQH'@9&[>#6\3ZKH ?@G_/Z#SNO+YH@I[WXWGK!PM;H,$'R5!Y? M%QCI"A;?)?XU>6?BL\#?=V#!H6L7I!62X7-&76^R=|'I/R#CZFH95'2\!5FQ M"\B[H?WYU0##.Q(< TW[I;L'%1GTQS4R3^N- 7D.S^YZG;@+VO[JHF[-<(77 M+;TW-@UV%%@HL4->C-/=YA.EX1;KQBM%,$$!HYV M3-)+#;BW;ON87 #5BWH9!-S6&&?!*MC,_UY$&79Q9YP;(=H=9:"[*0.C!9P" M\.M|IN@GKQ$&V_WSH\|.U;YFD-QBXSLPC2X'\.SX84?:H,3V[S%AED-4P\D M-L.8J_G:'^CW1.?)N'^=|J$|JY$N/1#O$.2X,CVM[A.=WR5X<7-9=UUO8L)2 MI6$?PWG%];L&ISH8TU9?+(#3SZ|F_BAA/H?;T%)&)SE,Y@H?WD_|^7G'W_IE MK2\|7^, LSVR,*VR);U+B(/^SDVY-R!C=X(7;"V@?;^N@W!=FH-NPGR' .C M@YG_872"H_$*:WW9M+9G@@YUOY5'1]^6,YS) !/A|V5O^P_$V\3YIWH\ MJUO0T;L51OG@AG]HYA_\V75("O(,C#9V^_3<&@Q3,OK]GNQ.]LNQ^,F/E!1 M<*&9)@;4<\(J41'IF"-6.2:TS;E*W9'B?# $S|_@S<+\[N(G/B+O%$"]NQ>T M")&?)?W\$R YX;BAYR@#[F:+Q]V>%6NU!CR%+I6>47|-IU)2^FW?_QY<-:|.M&PZSWR.PKO&QQHI!&/%VUN(3C$:IN$)S0=D961& 70W/?$>]", 1]DUQ:NQ[I M*;.9CBP\R/->[^)??\8>RSO'/-OO?U0]EZ'@*DOO*C?FC,>/B*;3<-BM]KQ M5,D*#&\G 0J1X1RG&2\4!G35J3%7FVNM#!5F>>,Z%P#O6@T!8[!2.[\'%\F.+:\$B3(:\R2[FS7/GMR6_]- M.D$8U/#:U<@@8("?>U&GMP#S+/E^W?]$N2-D:)O8,QF@K^C2T]4U0%426* ME2RWA!<,Q$I&)@A7*B,)Z 8JQ+$+1^/Z'"NCF4T@1GQ"D?^5U5Q1GI/, M526@AJF(R+4DE.N*XXX)N7_<<8^4H$?=X\ITMGNL/=Z-Z-]-L;U! /4VX);\ MVH&9K\Q;GRS*:"N-4J4B,@,U%R#" 8>"N]C4F!%)Y"B M-B&4$7E6*<$H;%"5@E0P*>&5%(3K0I4NX\KF>UEC]\DO>LP]+MFAVABGB#+3 MC9W[2EN:YV7)+1".49BLR)TDO+0EX<((F]6ZS,11;.GWWN=L?@'U\>JW%BSG M0 ZW2)AYMJ8T.TOZ54G\LB3;Z_*,#6OTD"W]A,/Q\.90_OIQ]0)/5#!MS/-G M,Y_#4]FKX%YT/(@IV]-:#L8NOV#RA]VP'7[8O&Q^]7> M8#H58.=D6$BAT# [L'Z(2ID@3I2*JT.9WM%EC)MA60"+]HTD+92P XE"!OX M*Y-@&@M3LL>>759-KR;1E)17JITM,\9(I5@.F\U2#*0IP$Z6A19%1DNMK^^S MR$!14&!1Z]QZ$SDE*M<9@1W.J)(Y${Z9!A67P$\]RQ4IP6R'D2I*!(4Q&W0(M"&= :=K3D4Q5 FTCY6,Q+H;%[52AF8G>PMF"/2]L::|R-[|U\EX+EH4>\6R?]>PZKL)Q)=2SB]6:FZ07F:!HYD_O1..%*D MS] U O+",SJDYDH(S.]5](L+[A4#"1+4;D*]I+GA.>"D3*S+]^O2',>W.Z>*TU)E MUA*%M7M9499$&!#X+)YQD#Z,WMSH<%'F),&!+]I-ECM@-*"YM)4E]2NLL MC(/X&E:28R)AGA5 I8#%40Q:DFI=6E4@[4F/SFJIV,/*>"ICFLKR#&E+!/ M#A!;B!P/F5E>"9.)(M_:)U96I9RBA0J5I*6"SF7B<,2W4 MW ;;)X?^@WK^47;:6KM/$%L^H/5/F*J[K:P:+>XU*ZX^(R<:'RR?G[[&HTQ M-7$2J8EY3$T\C=3$!_35>9R&:5S^GOU^*=&1X<,.BFL?,?@[?#N_ZNKN M=_>4GKUW,.8D.TM^`:[QY 4#= MRFX**+6]6WG1K'Q 'T9+HB]LWMF/%QA^Z;UA,-+_NP:(M,W\"C89*UQ@1.1; MT#(2FI+_,\.$GX]V/L=_<4!;P[GS(&3GEVO>=$&\X_/>!)?]L_JO_SRC>,9&S ME^9CM9VMWV8=@P@!\^Z0NY.+>AOE38IR'^ZMA4,%AZ> MCJ<7R;MW\\0#'WTS&XJ8O(P#1 M"1X6_?P!_SLQZ>7$B>,^S?-Z3^;7[#BU9A4BZHCX(;JF^6%!)M+ ^WH['LB# MMV5N83_2>4CT:,%.L\L0#(]1FYY-,(\2>/!#W<)MIEV?ZNT90WP)X:'Z@L+ MX+1JKV;XOI^]_&KSW#P&/\3SZ8'!M(P^O]#_U# 63A7[!N0LRHP?#0+CB$ MALQ,C0-#R [GVUA7"Z-&/9OWHZP[+&4/B//=D#D\ _SW:[-5O LG/$=AN/?D MV9"Y/%;VPCR!G;I>7C#T)8]\;/]NS;#9X<)?%Q:0#("]2[I#L<*(!QS_VW?_ M,>)XO7#!Z'K2T_K3QZ#;JT=_W=[;9P@,WP-_?!@*G2'=CQ7*!B;\0BXX;^7E M;)?09WC(#8,$\8IIN=]W;Y98-3904X7]M%@RDGR6*MY19983$U5"]:\V39 MS*\N 7+\2>;FP)/(T1V0Y5G2.S8NKO3TH&^VNM(21,L\987>1>@*5NY#B<MFU>TENMVV83XM_Y=0WR=7?P31M$EZ ! Q @"=#1VN6\SS8Y2P!.O7;SP881 MAH*OX1FH4^V\/[EL:KN"E5C"%[X"&FK77;(.I4HP50;+] 77UU8)$;E#0KE=M2:!JV/1-.HW/M/#+O87'>\@5!HI)RG8>#@_ZL 'C:ZC $T/&$/X@ M,;;)SN%A*!QYB'!!F,X=%LOA\%BT8:-SM,78^FZ]S^]"5#FH_I!CTWDAZ8. M&E;S"61#"(\ 90N&"3IX%T'MD4 --NS1M*S;C^HYZEW?VVY9 =9SX>SQN%"'*6O$=0= #V+_A8LV5IFR6PZW"E5X_FM3?A/,KJB[8!+=(/ M8]_2A "5__S;SWWY 6\3]P!|ZPKONBJY0, ^*5T+^W'SC& <9B*=P5:1B;1 MT[T$4$$C^13@8?($^6Z@A4!"]1+ZRRG VXE/$$F\' M]HWF!?|ZI+ ^ESK\+"!N.:PTCA&N0K!KK)/3_5E-Y9U@T6X_,3 DO^/8+3X M*JA(=OBDUHZT.$O\,7N?HW;9X+N;]>(!^[L :/3KO/D7C1382[!$8C+"K8BJ[17KWHLYRW[,]!N^Q01>8=.PV? M?-U6DP<4J5^0 *Q&7U)W+ 4,5#(6==LJ&WR;4M7 (=]MXITO@'NUK55^:,9L M\QO$1L^JP66&"W!IT3=8=R$G@6@'>K5EOOZ_WU MY^']\>#(2&9 ?V(!N]'$336NAF=B>>F[>D!Z:TM"V+.W M#TSWAAL!DOV ;.P\E%,,' ^B>Z;ELP8.HGH-1GB?">5A?G#4);KSF&LW:<#6;/U:=TG@ KOH M0_G]Q5E5[+QG=G LF[=+W39=YUGTWW_KRY9NAC8|NM>@PFKT!V!86-1*0_Q: M7/AS!)>4Z2[!|M)M7[ELM39]"X,.]CVH8C:TG62R>==V)@$2.L%"2U-V(\ M5R:(E>$P8X3P\U-0]ZNI5>\|;E!C,Q+K->UN95&DR>7Y#CXDE.-WO9$1 M"CWA.ILET.IJ3/L^T!I96N\W;KKR_GW3F: "HRA;# L9SPN^X_WHYM5AADE M-.,;)RNRF=76U33:7S7(|[_U&/WNRVHQB_YA M_V##SYP\YR^1 <2|WMK'G_3@UT/2HI+?8@\FDH04|=-R_LKO=3C4^>;8W- MP<;XS@$PI%%.G9|1?KCWCK45HD^`[@AL&R6]%5/?UACB2<8P)NN:\ ]NJP0 M.#9_]60/M/#W45LE[WO#_SN TM:7]_F/(&,[C&HRP'(KN:E1M8&':]@1>*VS MX?KNHOF(RN"B)|&V:\@BJC\-Y/I9TG][PHB1;I.)=&,QTNW91+I-'DPWL4P> MHFY05T -^MALU*0>T*[I4M_VEH9-J JNU.'O3/W9.[%:7P[=>$-F1THBZ2P[M"Y#ZPR81I-M2ZRZD\98) $MW*8-G"H_@Y]UP.HYUT]=#?(TWQ7V9N:Z&19 M_MB@F,S4&>|'[7ZN@\3[Y@X20\G@HU?_RHMOH# MR2!SP/#$,&)KT%OVT?JQ>)[#6S94X8.3YA)495I9"D!2_,'W:\N>0!Y$&%HA M';+;PX3ZK!2]FQ#P/6;N[3>%?898_VZ1_*Q73>|> [W%LZV?]'/W8I4^WUR MAW'1&Y9L#*@SWUIEOM<>X2U!3R=]G?LC)GG@K_'7!N@>Y?ACC2(9E^DXF, M-VR'I.R7EQD=>+N)FG*QQD3E=6MO)OAKJ5^CR.MSQO==?L!9;WXC!:7A$,3' MX;%>;YHT*G7]39: 09E*L;UG76_]\K,O^%<+@=FWC M232"),)5\K%IYP8HPF(_[;IOW0:(YSU!%[+MO;..RQNA6N4-P#]3.R@R MZFNG8'I.GBM_NWGC-^VKS4|- QILCLS3V@SE4=.BW$+'B1?Y6TV_46K@%O>[MNV'Y<#SIG:!GR9O=:@(#86YI^I^E3Q^8=1Z"TD9B>VKBB"$RDPF1*6*(3 R1 M>2Q]&U-8DA8WM3]W"M@5NAA:V:+FT0NUSZL,]NZZPA<5@/[P#DP2.S?>1%EW MJF5HVR&+Z(5HVV.()!#6])"*O=AZDLJ|H^_?C|TK005"I)_OU1_"QTX MP;]=UWU0ZV[[UMGGK!\W>6O!_S% Z55+B6E7:@8,FAW(=;'(3^ M|:O_B!KI$>;TRIKMUNAXZC--=SH1WD"8GKH;U2%3$6[Q@P^'|^?BAP#?I?@K$U:IPC/X4VC\,;PD#0WSCX M]?|8-!_)1?/QR_)@%GPO6]^ PNUS;.O+I8^)LY_"OYV=SV6.5!E_.]:7VY;#:?Q+N':'95&C2"SUZET"5H6=OL*U"S"ELK?$1 MDYN*8$B :NCQ[9_8A2S"<*1Q@:=5 S -A'BCAQFS M>M"?2\)1Q,CHSCLGPZ306M\,:S,,,1Q;&US)>?^:$44-QU!] Y6%'7SH,)1?M!CIK^X@9SZH8|#,<9)OZO YL>%D;LK+ 4)BY@U8#'E 'CVUXV]6XF-L6IQ_? MZ(-<>U^W#R:5?>3@T,,>.*=N=PQ,L-8|-OA?;/(!*,GT+8Q]9,V8D;S-TN$" M7QX/717]#(<>[7_&& %?C!X2T:?;H[40_#AUVZVVV#(<:-:[W]T_I9*A@[G[X MCURW$T)PEOQD5^$)ZZ%4ZMA]?NML&P/P_H6FQ1D=@P\&+?8VA="GSB'W/'P>MSBP1<5!R+FZWEBAB^@"]9/2<)"Z';3)QJ)CB> IJ1S;+AJQ*Z8IS|,]:E*,.<6!!7O=Z.XZW7H1//I:N%Z)V :/KEQ,U\CF&D]S #MHV!S4_L !=@U0-*O^P)L:"9NO=*V'1[>S'V$ZO##>+A9+S2[3)OKAW.(ZP&H M@11L7UHA'%SW]3U#?,],%/+U$(_N(NSR=58?M+QN[4)MC]5.=,H09W@&#U& M]<0HE1BE$]-*

*4KN5O/$R02HQ1.5:,RBF@'4]=WA,VBC],]/'42T(O5G2;@=4X M]$W=+?H^4MG@WH)U/Y>+?CTWY9B_>_]S-SJ2\(7 ,5<^K2.L]VU4I+!E6&!6 MK[9T'E\6Y?!+?]Q|Z77W+NN!:?>A&)[IL-_K18 MY R("XP!^"O_;+3?"-W:LA*WYO8S:K!B_+JS\] M[$[!5F-9Z9_LQ^1] RRS_;JR&C%2R:RO&)55OSI-38]"R?UK_ZP=@FCFH|K MT9_J^R7YS!K@L34@1CF>6V\=[X<78Q;\M:<^>)G4.M.C];0\;01^R&*]5&AU* M+@4W:^B',.@<.W!=[V9L7]-'|MQ^_6&,/Y?;3NO>!!#LQG/$L)O)A-V4,>SF M-,)NHER)<|&+F#Y5--3(F%Z6M]"T$262*R!0[3&=>/]ZD:1TD|$C6D:PG3=;;SH>[V0H(^XFK/Z&/! MS>=O+E2+EJSPEWI7#K@#ESI=\R.HF\$'GACKS@#U[#&?SNMX<;VF>MGR!5I[\#I[V>|=)%,(YG>W>T3CN#Q6 -WO8_^&M62X(?Q]2\W1.B; M)EX.?3][C:TE=N/Q!O"Q3:]8>K&=)NV'L\QL.>=ZYO/;R3=4!P2 M5^V&>.5K2-1WJ,%*#2%/KJ7IK=PQR"]:RL=PA$/A.D=RC4Z^"!_ZXYM@F;+ M7B[K6-;?/V4KJ&S?CIGZ9C]4(=!;3[,#EDK^^W&/3Z MSIS@*MQ8;W>M?*GM.O3-G, ^',+IV>S%VT&H(G>H[G_F6:<-W/M(]+WYYR_"IT+)I^QT^R 46+60&AUR!W49LSL*52UF;D,"\$^^.]B9#$Rs<_&@S_ MFVVG'6[G)A]285G/;1/I?&C<2WFV%#1[" MDW.P=\:fR,.,:,\!<%NV=5\U6#6+M?_=7B[GS146] +DABT?$BHPLG+5Z#_Z M+-.QZ1_NTKC"@R#;F?RP,SNTT+^EZ[/\YHT.A8I@BR^L--OC;'W@s89O|S%(MQF)H:3V<*Z#/X;+O%FOUQ0)[MEUM#=NW:.UKK^YV00XLN6XEGOSG2$2P3D"0 MXT9XG|>G:WGF-O-^:#L7VF0,!_ 36G3=ZO5E:]3=7C0Z)FU^>'6+L(5(EG M-4/@HC^YL9]TW_PN3'EX<%]8":L[^0--ZV_OQS+;#0/S:;$PNCXJ.*@-L "X MLK@K;7+>H((52BW,L;'\U2RWNP$>Z*S:BN _,8-#@N_V:A=@-EJ+811SG_T MS0K&;'M85+G)!/(*\G;_'7^/-:-/[9:T=N E. 0'3(0<:(8.FY<(.]CI?]QZM'*MA'"7]N.]H#]+WIV:@aZ<\]JP7$B N5/I9F."%B,I-R, $6T>L:M'4)Q/%?5C6X@_4*D)#"$_JB?H,@VXW)ORF00^)'XR1[2*)%UAO M\0KL9LOY9\"?@DW?OQS2C>-4[9*?MS,>ICE.V;6^|O^}3^K-JGV.E"C MH32(:-0AX$58/@%>;^L/0RD4OUX[911OD_)[[G1LWQW2C0[*[IV3D%[&R[Q M&QW:K*$2A ==V_W]E)3$*4AMG49%R#SL=@5XX4B+*SS[4TH[3=UDE!9((M"-UEPBU;G->7A8"'C.B^ST(':V(>R#_9B'OMS&_@&=)ZY^FW%8N.LP)[R< HT:V!FC'Y[/9XUG:5_&F[POLIE9U]U M?8>A87%\R;'P[&_P_3" D?(_U%T=E9]>9SQO=HJ_#O&LFQGU^@QW^] M1VZ0QMD]|KK[+>*,\]=Y49Q1G-%#S^C?_G757N?47E!X4,0L ,6%$%#>D1S M_G^'$6WKW#O(+/SB)?W.()0FYUEQ7*5>,O&>#R QA::$[U^ K7/;$T??]-M?_ZEQW[]6$H;-IK/!E&_,PR!3!,,\|BL$R:D8S+K3^AGBKSZ M0%3Y--K(6TMZ9]D@Q_>,*WIK"3G/,(W8$Q'7^V7Q=;MWP9$O(U\^9[XLRIFHBM/:X,B7D2^?,U]FQ4SD MZ>EM\&-ZHE^@V8ZM5*+%_DPYX64A')\5%8_;^O0SBMP8N?$OQ2QGT0R8P(PB M-T9N1.T_S:.W: (SBNP8V?$OE,ZJ3+R$?8UGZ'<@B^_MXGQJO:!C+EGPPPO M#.2BOC&!&456C*SX%SI+TR\&K|_@;8W<>)+:=I+H%[VEDQ9/+?-[L,>$GG?OY=2[,/#^>31%I MXQG5*(N:_[*|ML3!(TTD8$AKCY$1BVW1[E+.?'._2,M!&!(6[^,P&&8Z;RG31M M3"9>8G<5#Q:]/057SF_-ZC'[.%-:M>G@|Y2HYS%2QXO^Q.%Z@R@NG@H'>YI MR>2)Y'C$B"FL0\2((V(${GU'^4Z@B!$1(R)&G#Q&4,IG|(CIZ%.BDP@2$20B M2!P!)"HQH^)X&=U3(I/!.X;@7VSXZ3\^A];R_VD3;)?N&KWNL"EUMU;=*OM% MR_G|*H', 8&-I[+#>V@[^T=9W9S_0?-IW86\;[6=:+DPOO=\Y[M08^MG^+9_MRA>ZA*^;Y .VE/_OM6R!59(&J&G\8RF11LM9SV>+@.M\NVWR0"VWIT[&:QMA6 M'@9SWLK+I%[(W^YD)U-|L--Y^LP^G<I-MKEFA2N7U!UVDH>)=VX|GR7+==NM ML;GX.0QCU]4',;US/UO8JV58ZC:T_FZZKL96L[JYO+2MAG?5_]SN M2PZ#.;2@OV"?;KT:^YG7E_@1'HK.--\KO:EAFL+QS_ZSP^_CR MY%(NUD[J5>A.CD/NULLE+#3]'G:VS./'P%HUUUM;'#*B,) MM|W\+'D+4[>?),YYAEN)B_+V^S>X(@U\;G>V:KVZ:-IZ5=NA3SQV+/_O=0T? MUUU8O$58\1TBZ&"@5_+5N7ML+L\S!9H#V:0 @$A+6XZK/?;"_MB=W9C.9>+ M!;=9SQ_9D6"3,,,/&:(E9^WOZ9<+6\@N8XSSP6#^2CW4'$\6W-^NY@8$-,S!X MJ^'& ;6?-WB4"Z; M-@P%Z7J\|(V380S+0*&A3SWNJ@:!((@$/KY*/%W9Q Y/XS8.7M/#$>CX?V]0? MX+2S+80^-2 .%^#S7M4K>)6^$9K_W2YL"RN/&_3&P%5UMVI]W'DAQXM3W@= M;C-KN3OK44; U1U\#40$, %(;<$M+5MUP"_S<>[MC&EDR!"ZI[X M5;-8^]\5O!H&$[IM5HW^@R@0"<:S!#PC@//F>4",#G"Q9RT+CT-LG]MS"7(" MQPBP!V^;)5(#KRY6 ZRNY*>DL^V'6N-38/2-!@8P7M1=6&FV1XKX MS8 /88V!A7$L>"&\|\C(,;&7UQ0)VYOPJG*OX=ZU7V#^|B^"/P,BGO=KW, J M23^L<6D7S6H#,\#]$N;G:A@<2-LO"N]3YLO/*4@;_Y]MZTN8TK21^" M*Q5^[3?LB"*;BZM[Y*,BXU0B+4E#RMN6W)(]EVW$|=!=0!4%:A"ET+*?C7W|S.5]@" M21 D >I\F&D+!&HY)$>/+D|^Z8HW23ROA!5T+>!:%NNZ1*F%G](+TRFSQ" 2 M/]\G=9K\FZ|QZ>VY/M%0N%B,[8VSXD*!;N*QGM,KRQWV6?:N?R80-![>/WI7 MP H]6IL/]*YQ|%XU>@D>]OFB/=Z%*]<|LVM>|IH7JHGU:53C<02/G?%AE'5^ M!983O;^2W9]Q4L]B^O]DV\&G,:(.E_BB*,@$'0((DZSWMR+=M%2?DZ^/TK61MUVOP!0:D9J)27!Z:M)KKX>I&!EZ1AZ"2_>SHM7;59#H+)\B7]|M<#0H9@Z6)ZL MH+<32,S1X3/AY,^V;K+)4M^1?GL 4<@K"'$I\GC)MOI"O1]57W'IX*(O33[HMZS7S/LTJXPK2B;P2B^3_!(BQ%??_?)I>C+L1N-M8%' 5I/#:7_|| M.P=9I53T"WQC5D=OR2$ICLYK1S/'_'PMPRYXBU#)=&AFW:5%59F6)R+,TH;'YY5U[O M%J7Y?D"8]OY=,?B4<^S/XV|+OCP[,-?K3!3^#T?7YR M/[<*K[1SK_0PLUI%^= <]19?']DLUQN^[CX3 ?2,Q]SL[?> ^Q67%F1MV0[I^ MV'^,JK_]E^>+W8V$[?8:[XPB/MI6NY1[INMT/X/>+V]E.S_&NS,W/8=:MN[M_':^5;%.S8Q^W@6;?.\Q]3*7:MQ:^=G+-$(VY/CH"B/R@)'=-BW$CQF"]LNV3HJT_FFS MG?X6@US-JK*O9N 6;5>>3!.@]$#):P!6?P!4W&2W@8H7H(NY5C]K8JYWQO3X.=#B%40,K ME]R-21SWS_>PX[FK>V*.VV&FAJ"7_ "202^OJY?;96L+>AGT.NCE%O3ROY/X M:(NDV#NVP;V9Z#OGOOZ6(XMA6HM@*V^F2CM47@^S!VZK%L?'|=&3,,8L#"4) MFQ\,@V<83N*G1|L;U!QD(QB&L/F/P3#|>|R?/7V4\PWO-70+1:$;SC!:YJEHPP[=5BM-G\4()BAF4,R-F-M(.6XU?MCA;0W5G#L,(M9)APCo<6^C\)"A MN:UJ/(U/GCT+HA$RMV'S@UUP!T'SY\&+%ZP"V'S@UWH0O&>/TJ'(51T|K&B M,U^3LE+>@+L0ACV:9,:WE:/Z\?0H?G$2DL<[OL-!5X.N@JZ>@*]N(?=*T-6@ MJ_NXD[=I!XQ?O'CZ+6SKO=9^GFVA]/-LCRH_,L#0+3PAS-C;"#UD;V[M_IR< M;,^B[I!DW+]W%++*[NR<%P3YLP3Z$-NM@'X)]":AWSX\RB:_QU#Y\9>S=YSJ M/A2'WJLFRLMZF\6@75]9W3'$NR0A]T%)>HVWWU>;?'H<'Y_=E=NV#W)R=WY; ML!:[L [!6FS36IS&QT_NBL1E'^0D6(M@+8*UN'X)[G%Z%IM7Z>|_DU&NZ#^O M\:Q/X9_W$5%UGF#UEOPO%-[+K(%;C:\W$>F-G8@4O5UEP=NW5;CI%"C#_ '1Q%<-L_*@NDIOCIY?GAB/RKJ)DI^+I*[6.MYG5D2I2 M^/4GM6C4?*2]Z/0HCG#R>M24\/.G&_[\R6'T&;Y:0.2L'S&Z3.IH466POO#F M45IE%ZK Q\[+2_@AK++*JBB2/:GBU*I4GC1P97B*L]VB\P^_OWMS/\]_E4B>K M%Z"W')?S4580MP=^-%+S(IN4];B]R"K:CZK]*ZGA'X=:!,Y+*J(]EO3KZ[L[MI^"U-Z?@,6O\\'2&(9T_/GS:T?GC$_>C&^O\|;%K1;;I\XX2LM(O]G*BZAKN M!,\\4:H^W.,IO;YLF|;?=[;U]P.W_K[W6G_W;0DVZW6.UXGT3000C?8BJ5C" MKBWUL7LJM.!_?]1Q?50"CI@X\[>3111R%+!]\!".3^YSURZY&C4]\W2;H2BC@?RI,S!GB%A.,6(4=W.T=K]!:X$NL)@ME]N\]7%+)N=L;OP25:F-2A)"CXR'-XO]T"8[RIQY=RQJRZ?LSFLYWMU&7IL MYZ2OI+LRRJF-6F;4FL'>;(LVP8N_U6EK_6AQT=`4Z<_ MZ|_IN3)HE8O:P5: 7NGUX2,GSM[[IUXHNLSD99GC7+E_KW?05@NMW9L\C MLV.|WU=<%7PX>5%8YJ^OOOO:P.^,#!|\V^-$&/SDZ?;\]Y'YN%5YIYUYI9^) -LG>0C;.AZ^XS2!V$!/_RG|\]_>YV:[_W2*P5'VX0M.=-UO_YC5/WMOSP7[&X$;+>7>&?T\-$"0HVNGMQ25WN>>?NK805P)Z5D_]?@ M85R!*Q&1#PHPO0/QVGE0[1V;F'T\B[9YW&,VY:YDY)&=UT%5]D\,MJPJ5U((MJ^,:!54)[K)E53F2)<7TRA;Y?5REQ^;=[J7&K96?O7PC8T..CZXP(@\8V6W3 M00R8%5$$*LZ*=+Z2BCUBBW%@YD!W?:WKV;@%B#RM3E%[^BQ;B*B_C$9R. M-U+]Q_N204[W?@N_B9<,W'' M#K8G'S^,GIT?[M\/WQD(4%#,HYD-,#GH1'[IXOG\;'/0RZ.5CULO3%_') MZ1[.'K_/[&R(**X4H^&VV6 B;Z9!.U16#\R8M[:N9_&3%V%@8I#,#9L?#(-G M&)['IW?&H?3-RT8P#-_PYN^W8?CQ)'[^(DQ2#<6@>PO=/I<-DFZMP'%"X+;W MJA;.|*WK2&>G\8NK>VF"< 0'+6S^MV49CI_%9\]?!.$(ŒB%L?K ,;D[G:7QZ M^BA'(>U@L6V3&U7(!U+&6_RU$7X^F\QM 0I^W';HM \)]["9. "2 M03.OTLPMARY!.X-F!LW(A2(/)WJZ(MGSV_]TF'W|QLA/3M-[SY^VT83H[C^]:?!MD(AB%L?C ,7MXD?OK\44)![C5]M^]8+/",U*2OE#+L*$+N=S6N$A-55)O'TR58'QN^#R=O#+0[*&I3UOWY\|30^ MOIKL>OQT?'WU:)]EXK0<^V4 AZMD=UH.YDW1!R[&VTM'C(YM[:NSXZV1PVW0Y)Q_XY2R/3NGA0$^W!K^_ #TZ:-L[GV(=B'8!^V$9T] M2L]6QU &\]>S=[;]/E2*WJLFRK%:A(@]B-W@!S,(V](+11_?F9(^[(+MCH'> M)<&Y#];2:[S]OMI[+%$]WV*):0(\$Y>XG.[B]7O]RLC8:A/]-1KFB_WQ)>_7!Z>O)KGZ>!FE1HC MO\-+6.5V7KQ*LW]1)\N7^-=7BR1+LW+JY 0R?C*)J(\.G^$G?]9UDTV6^H[T MVP-5I*\699W1Q2N5$_9-4S*6727Z9 M+.M7W_W-[+]<66\9B3'ME/[ZJVNW1UZ +U9OQT]IZ?>C&N\SM.:RML#O-#] M6;1MJ U_;_W,FO@5N/K381[8R?"16]7V4#OKY_YGU45E$S4US!MB2:PVUF=00F!7[)22T:-1^I M*CH]BJ.3HY/3]"FC[X^/GQ|^V>3G3PZCS_A-U9A'C"Z3.EI4&;POO'F45F!< M"GSL&=@?^"4LLZ]*)([]>+*W3Z--O M$^^^ _3VX!0.NJQ AR5J<#&YDQA^|8_SW^?+)!VOE!-ZCW$Y'V4%L1GA1R,U M+[))68 ;BZRBRU3M7TD-_SC4LG5?&Q_ML3!?7Z7=D2ROO9$LCUFIAP?16+5. ME:O6)XW5*I]0-VE-I1VKR|A%\NJG*BZAIN!&||4:H^ MW.,=O;YD&W:#=Y;=X .S&[SWV WV;0DVHW.(.P)]?/AL(_FC>E-2L8!=5^1C M]]!IE97-K+B)Z;S=)3D23'^=]23|NASI\%KWUYXZ/7^4&"'QABJ@($MG'8V M;5_Q1/_ ^]".#*@$_2QR#:\DBBCC*USXX!S>/E&^S:9<<48[*/-W\+2^9_;O-MTJQ07P!2)PL4Z@@8O#MQE9N'^SY'M%A%/V=SNEV@5$1Q%'PW0K/2#M_8P$\)=IUR/(.HE*PF4E# MWTTNDBRG>]SX22[A_G#']&XGDVRMRG8ZPQ5XM=O|&^#$*&)R>O|>?TZ?&KGV!+FUGT/VHR417N\#_ >6Y^8C[57X[ACKB3Q&BK>HVX>V' MUX-3&21MGBPY|&FR.;EP|+|E7H1DJE8@/?4,?$.2:9+;<@Y'."Q;.?Y")SR|M33*%AYO"B,( )6&NLC%Y!.V"@!.3HZ/#(ZT-L1$R|%)+^S)OE(Q)%R#\T_:]$?O TPI! M5Q!/C>%20L9,/@O>'K_.;Q^#[Y/-1["&*LKAEQOU<0(IJ^GSN=%$N-I%EBKGMB6C+QBTL&NSY,L)$,29%LC%G21CS5315-FKI RI;U8?1&M-4E'IC:"U&"@0* M7KE%&P.79^^_(T(<:,K/<.]'LF/DT]58>')_?8YA0;%$63I^]@IV9*;R"2S$M5$)K$@-81)):^,?/936//AV<YZY'|"Q^S/:=-6*OH9]@*UX2/:^HHE+#@%]V*S/Y=1 M"O(K+@ H6%$VT91R3 UIRQ(E.VW'#4CZA2I:178I+>F+&[-R=3]G_3] E0- MU)-M1ELT68XW*T=- C8;M*P%|2K!6B0+-"B<7Q5TZ%Q58WAZ>"^ZKIAF??DQ M?"O#I^=+7YK'^E*4EV#|%1A@L*C9!.UP)CY".0:?@=[!/CPN1U9P< _6%VY1 MPUZ0W?(\%PH P6-MT:[HS .2GM1*D4,R87D&O;Y4SE7A6V[ZO80'XE-'?>E; M +IVO.Y51V";"G[R[AKQ1=@@X4]K>E>PA. :C?Z4%TYRD|6NLOH+.$/+|2:XM_1S;98KS .6@4!&\+*N:746|2Y)>*#B,X($3,.QZ\B|;0VA=PVO_O< M&%:A(KFV&|V;BR7-AG.*T^%LZKBL\9SK;&4IXD";G(^W,8\Y\12P;FWW7M$.]FA397WR$P$_K=K$HJX86%F[59*9X@.[!7NRL+&@UHM$3AX4LT6)VH]E M!W>_S8_[!64?$@LI;QV!=KF@%>]L7]"RX9.T2/TG5]$/]4C RRVF M9)RB/E*T;JDJ]D*DZFN%!9!=8LJ=ABT%)J4TTFHK89!7-9>%!7G_86)7J1QH#MQH?J"#P3I0.2T8 MW0S$ZKL.+(1Z^I\[5=QAA-.3PV=GX,D_?_KDQ"B2$5M)"Y(W$82AT93VU4!"354&23KBOXZ_H$3A9)PQQE%$:%WV+L<($"A=;Z8J23@XB&D1T(Q^% M2'VGD)Z,.6.&9140AFS,@#A*Q UD.OLUGA7PI--@+8,HWL9:UEZH%6.97<=BM6'Q7XY;A10E)+8B,4UB:)UF!]4;] X6EJ;&VI_ WE>=8O.?L 0A;LQ1P@C3/ M3!27J'N_>]"+9B#"V3Q(>9#RFTLYX=]&(-(@>6!Q58T0MZR>":-Q=@'1-0H/*RDY<+GG+0F%MI3#9?L#!83(95F%C7I05G M LN6<(5;]|(K^CS(7I"|C5WC;OI@I,C5[0"4#H>$[#%@=5'YXQEB1Q!!A0OC M%&@$/ B?UA2[DX"-*E4K7%B/4?/>OSAN&SSU$4-YDO|-,X>#6=[M^LZZ@AZ5$#C#(*_HYL:"E%O.630:I1@_+,_(PM,]'H&P<'%'D^@,%(32'1I&$[DW!>A4C4V2?+DFW!)#"2RG1_\T@33 MGY5Y"HX$HQ^,+A"2CKY+FN6$-C^,7B.JAR6:/@S)P(*HGL3="W@5L.U06#(F MJ*V]!2DO%/RX$4@B-J]6F< 0+;3+]7%RV/G&^NT=SXF1B3D\<8V[IMP)GS0F MY#\H:Y9"'$HH_45;C0G_U6U6B!G5-8;%#TOVZ9*%U;%-&%)T%^8]V]*0$F0 M ")DDB.LPHV3KHT(O+JB3]B.6/,R=M;/?V39)+VHO*LDAR6',12]|-\1F8]8 M72>.*7&M!3/B;FSHTMF*F4QA>Q 6-'4/6X,[L!(.0U8L@E%E(S';M'8).V MFN++P^@#;) &)ZZ 1-!9<]4028^TC=?2!P*9-UHGK*\$C\P2 MU1=I,K@#0_U&!-U5F&?4|@2%JRWT"PU8%^<)8PUB'BMEQ(&=+<YCEH'YE"FA-RDYSQR!!N>%"QE2?TYE+9-=5K,@B%I7T"TL! *P;"NHO!+[#*+_P5 M=I_9,:"=7(4%=7L83PGX"8TS7IXG%5*KA2.0?GN:GPT*6MFJIR 8&?\&$YH4EG[I;:@FW EI*I#^MY; 4M\5I-K"FD[CVVQBS1"&\6@ZT1 MSW3-F;'+A<@=89<=V^[:I5WO,]MDFS\I%=V5NER_.>Q7"!BC=^_BZ!V$S-'Q MZUA:53|FI9?H9X;22[?]O>LV^?U9'?UO"P^I*C!%'Q6EV0SX_'1P?\R=LT> MCMP8U/7>R=BU(XB/I2&EQ^7?"S_M<; IM'-]ZOBDVU.I1G:.;?,_Y^5E:**| MIR9*;M[1B67-3= 0\EV">]U^X]KNMN:V%:(YX/BYPW?099;!F+9,L9E'U>AI M82<@W/7^^U)VGS&R*$37)<3@I#$IT!);P"?OT HH6R;>#* M7U7ZRF0*#X]^T#@WWA1JY@3)T MNZ=/#Y\ ^, W!17O*.S+<|V\#OSL^?/9D@U]M\).3PQUE[+YBHNS]PXAO1WI_P]?=YR&Q(''3XE_ \[NEWMWO[O9^$MN+] M# ZN0E*W7THB=7N+E!W_.:K^]E\>L=O="-AN+_&6I/)A#-R58]8>=&K='9BXMG9_4=R=&[N2[V[[_8S%B2*ET5S+R"*Q04)6@*HZJG 95V?T#>R_U::W\[.4; M]404_6_7\TS;?]O;]05?QSS\2#GUL]V3(]VOG"RW5RMPR]'' ME.$5WDPBL_^QK8DN]:>7WZ*QN,K=>0'Y8W.P.-IR2"G>[^%C^_=:KWDT MT7L@'496F>@BE6/NE6[G3G2/AA,KZ5'V.*PU;Vt(#V7 M7#LG=<>&H6YS6.Z.)P8&'?WCH[X^&A[@[-W:(NW.14[]Z&A0T8=0T:>G\=G3MX\>ZPVLG4=|\\@Z>S)4"[8YZ9H(GLQ=*M+WW>9S6\>Q%_.396=C7AW^CH(Y! M'?_K^"0^.]W#:"(D6W;*!?G9M>X%V53W=DA,,>]6@T6(5Q_BKVXN#W!FMI0^[=+MCH7=)A.XC27^-M]]38_WCD[/X].G1-RPGVRS&[=+;!VL1K,76K<79 M4?SLV?8R:?LG)VL+@_"_V(I^C^WYVZ/SO,(>A(E8=X5\WV@BEE]X#Q.Q[EIO M-IZ(M4]4*_P%O-Y5A#*6[2:5.4|LC#$UWV9\7U;B"N[^;!P*%4=#)ZJ'2 M!7:OSTQI7E28O1YYG>L1-H9&ETD=?7]\=`9X',$#Y$29>G[E+?!7S&X#@VE M3"&+](Y-E)FT]PA\|\/3RZ0EU*\./^B*HMR[V>SA9:]VV5C/ MGSQU--914\TP?M7/CTX.GP4MVN([G6];<.30.3[9KN"B]!TT)/!?..0-!V!^&,$S.?S^]YI V&0\;N3?]X<=HUM<0#5>* MB>-'"]=6E&:^@.SX,4,AQLXVEFUO.8"E@@&OZ PS70S)CI$#(;*JO2 W2OEN:W45E-DR+[2S;53B X__A! M5/&7#VP X!H497$PQ@.!!^6XNF5. QPS,P7EDD>4V2%ZQ0ZC7Y,E_PFS.#1=MBJ_(LRGTB03*PTN_T%_'US)M;X:(Y&&FBLTQHT2 J'L;0+,\D,!UP0S[B|QSYX MV3M,T3]X.%8RIN,U9]90XGXMP2_7BO:VYBFEX7R"R'#@51MD8!=HVG<)79QM<)91SS93[KB=VHY-L&B8Q25?"XIVXFN$>]/G<((3[V5 MX[CEH8$\U6_]%!8Z/\)17]Z)H/& ?6^A9|V8YUDU.(YGP=^2R;XXL8!GA3FO M#<_ '"69^S4#>U=6/%;'CNZCDZ6@08TE#ENB0V;"PU3,I"IMH7D455*7//#+ MNN;CK]W*F-#"SN%;_!GFTYE#49ER\LU M3]IJB7^\2/6#>^)/SL*B[%U'VR0 &#/2&/2DY.G@MQB-%X2_-4^'G-/=O M@H,Y=$12N_+#;\G?D&TVLE16=]#4 POE>;3V9:Q-?&)-_ (U\;Z4IZ]&7XSP M0#8"_4-!@)])./^+&0B,'QP_>U5';T"-V!K6(>KK(LF7*)<@:3\]3SW!N1] MM"+]P0R@IN>O+K^L21)!31^_D2C9|H'O*U_'_W1<:K$7^I;35@_LJPX;PU7 M$/685]|C-FB2&@_WA-='?49|CW%.(=_!7): \U0|C2HKST,M-[!5L_9=M,)^-J$VR&PNO,,%AW!287'BK|+WF17/8:|CW%T6>K M^:U#K&Y@=ET/?4<_P+D$#8'5]UC&$0Y8A4BMFN=Z="IE67AF>38?T?4I9Z^? M"TXQJDM*HO"1,O"?=4ON9HWFNV,5?5)@;/[",\T'W@2?@PO&6S0EOAA=VM4G_=&?493K]5XUD!VSY=N$N?8J?,MY\I6320O8"W$AG$|=ES3.%4S51&(LEEW6;|>AS"- :B MI@;43 MF%K&!&UXM",I VB0DB_VDH,(!V)6- U>2?. #TE+],\@?WGAZ)(>*YN3@OFY:9MMM 8"9Z_3Y@@H3"|/<6IV6@!=/*79_>29HX9>XDI57C67$D>A2J!W^ + MP%;2Z&\(E(2%O/EDA1&:<8QOW#ENL79SPE.!&Q$+;NB)9GG<7F|C6X6#P|$0M@DM9$'HP=WGLQ)KNA',V&)?43SD22)[U!%UQL75%BT5&Q'Y22P7WD%IOP2 M-9>TB3;4++BS9?##NITH_49K!@ MNY2.8AO&XY&YP#'7Z,4L[<2E-L>2]FKXNM='(.-8,28S62P@2]_$5,_+[)=Q MV-1-C++T/[^#9Y__Z_1?_\;3/FO(!<=_Y/J_=>+R09U*3'2<'N*<9/.0)%;_ MJQ_TP9U+>* W)L5;1Z\I)?D+#SK'4=,;E$]WV/N_/KSI72'3W#]B:N>3*C#+ =$@W]L(9 ;XT>!P,'8S3DA+YLD6%< ,-E5KTV@K7]"A.E81>,YQS<./ MS?%%@/<$]H-'(N6]DA2/4E729EE!OC9)1$5L9RD_)7_S)^05P<6NB\I1X<2 ML@FN3'^8XIE14(@)TN7_4KF]>%V3A:H$\53!@8B* M,BKIQN@9<1VDXI%>;E^_2U(<)CF+C%^70"+*X>3,\=7@:?W%/XS^H8][:5O MW]4S.)0/*&1Q$*>ZT)27EP,L4I]='QT0^13O'(M@_8([\6.BGL3-]\]^+26UGT^/9]MR?G2R28G0IS*PA*RKG:AX-]YZT+N&:" M"_$]!Q X,YHA|C?82"AL#N(XX)&EP0K4QK,"T21O,1KG@AD) RJ^(Q#9?)&P M0+"?;XHLI2RFD/]@6[DZGAV-8%;A^%0;41'LR!.&"OO]+8Y&0\ \MHD@1P-4Z(T1. _ $O0 G&5M@1U9Q?O#; M4/2WLG#E-3?V$6HXPC6LK,4:3]NX]C#.%F9Y&-P*'AM\ENN<]X4RB2A>*OUW M&ZO(WV,MJBQ2:U3Y8I267O')^6GBPT@^__;PI.H"F1^M2;_OZR<*Q;Z>K8IM^A&>(P5=*3@!][''%O-CQ:7)P?/:C^HF^?7R6RK\L-N63C6;>:D_I]9ARA<"IA.%!)9=1GGU1\#]-N?]#^&8OV]6/ -C9&<#.:0#L/!K SH8SH"DY@+[/ MO[*LK/Z5%822Q%5^R-/FU]C=^Y_?/SE]>=W M'I%_1/+F^%^YFB;YOZ0=%63^X5,WQX?1/_&A'CYO\ZM=E4?:+JA:!NJ6XG8* MC:$33F %]?4@UT(<7D\)?_ EX2_99.ZY?M3_V_98O%)"SIC$%Q)BVZXU1WTIXTBSD?'FTA"""*<&USQDCEY24%E)2,XZ8! M@]HSYR37O*X.W"UDL-RX1)R!U,^0/@FEVV=\"3*&*%C@##:|=02%JF-IEW/ M>(VM.R^J;("E@6^?4N\R SJ6(#+|*?:N$P0+'Q@[7N "2XYYD'2'@8ZX"HG? MF"77Y-:LP==RFC$04D(I)P.(JE/^3*ITH.\+*G9S-U^^YJ4EQ?@FAA;5\3X MNDBY Y=K9BS+=U9W?#PXAZT8VH\MFA1E9:A'ZSQ9X)K!URGE'?#]#XC" M,4C2*,>2F$H=>)@N\V-E+DKS3V3):L<(I>,S)L648+D@,U\Y4 L*4LJ\0) ONL MW5!1!^%(%3MM1(L0"^(".SP)79DU9$ZR,6H|"))*3-8@N^KS9MAB$"H,WZ' M#HN2<""UP&6,]27]!0M0N)#^U.6M3$3 1MW4GT\,]0;F5:8]&F7E KL9X"XM M=_[$E]6SE] WRD9CCM M,)LL]44Z7Q>1Q5ID2AZ+!'-;&:.BX$@9KXO/N!Q%1%= /,\KYG.I]JEPC?A3 MOP9AJHL&]$P5U/2H*R=#ZY893%)6121\YXP6NN:.,T#$&$MB=)TSF5*;K0' M4\WZ01VB/?H>1^6(SF)V/&C12,^3O$.@8E8N:1SS<%##,ZM8]V?CWUWR/\7C- M2W)5*"P(;*(A\A#S3'9G'-NC:RT5OR3UD)@N>0DTVIC;R#PEI&:)?F$(!]U M7OT8X2QI-A9_D0"GCC4QAJFRAH5L&]AR(U!YXV,%%FFI74'P=F[U(B;O"RF MJ]NHQPIBOOH8)UKO"O;O=C1&,3MICI;5A1E\?SF<56N6WA*ZP((-+12)A]!B, M >*R:K1DV@+*$GOH3=68_:"X070JC0UM$BAW4?E:8/NZE40M$'BOSYA]_? MO3DX?@%+Q+#%N5*-G/*(*<6E31=EQM].*(Q T.F80A*WRYTZ)W0DBV'/&GA MX2&"(_]4K .8Z5+3BDW+,M.V=_@NUB0I^.A&M2.':PV.:H)FUQSE?'&="Y*?MHX23:PCN]EJXXT3'8N%&+ MMJST4F,V'3-2\.0&5$C'&/LBQ#K"KK]_5'"C.QZ$XZ;3##'V\@?6.7+Y@32& M6;F67B>?-%H 'EO_)R7D.8#/]_-4,[T$ZJAJR>3-)1W'EH^(F!2R+%++ M,EGFAT0LQXW>4W08ES8AR[Q'\##$OIH\B<03) O5FN0&;99&TJ!9N..%8 M:>E:R0U;9UOX/5Z2R+^3V$80% .2.X#)$'#3\,'%)K_?V"TJ=EP(0;9:?E[7Y>3$DDY, ^6R:P0??B$_)+T@Q*VLZ$.+>\ P[@R&\4G ,#X: M#./.'Q&VVER8'W&-;8F<|#|QLA<7K=]."5@K7', ^1P\:S"H&5.=V/U^3S$F*

*MUD&F_P0NO_M*O$DE".0(=V)4U3TC+/_[>$9I$N"I5*=0H%?A5+ M8A\>1F%;1<_78Q_4]1.R]V[Q'Z.'\PZSN"E'_I+FPM/WYS>O7>*@Q#1(NYO4 M-K.RRIJE^;;97>H1(+A-;YY.)XA_^T07'U5EDQJ.,!<#L%Q8MZ-YIIG?\+G@ M87 :I)NJG4:O%R;Y;X;>O.=`QYDWQ.>5P2J_^YXX7Y6+K7LG)_-*X)FR;UFN MM2@XM;!&=XG\IWK G(&7*>7|"5=R(I26(6HMD.!FW G1\35>F&2^1J*HQYZ,R+$!/B MX>)F+5B)*R_;,3@A9MG", W<5I@(FX-LQE+JJ(41GCQFYACIG@Y,V:@2V"?* M%1->V.I//@HI7* (+BNO/$3%!.JI(P[W.(R0&|&IE(A;:7T^|LR25#LBJ$'= M:$ C;|HONFIFZVB^S R&W_H94|%E9OR=S.CH"=@Q<4^,<>Y$4#(4PMDQTQX<^Z9*X+S5-8V2NP|ZN_3%AW.YSAAB,]M@2Y,KWZ#=6L MVK^2>K"8\X_SWV%=_]ZXKB?E]Z*%HQ89](> L!#=E.,, EO3).LZ*-A!C&;9 M 2|Q]*7E-DE4>]GRTQ06 @SPPX&5YAJL)9TS. ^A,8T4"&L6PA6QBRRV() ; M4%Y=1 ^"< W2";UDZ'P4A$[TXE,='F+(,Z-:(S'+-%TPU",R&)%8#+>|H!>V M)|ZW*M ^K=A-:0521E\,1,C8&',19W1RHG/"-] IPM>\ZT1FNQ&OO33O:)%< [UB|OF 1&=2O+;!<&;G;Z[(>[W8_/8"-K\F(^EG!, M>3=@9NP_,G3UZ#Y\HM2"WBJW*R%!*FT)&O6 *_P M<(F>FC#,B5;YQL='1S|TKGJO490C9R:T<>,9QZ:N'EZO[#GN1_M!Y+(+#8G< M2FCJP^HDE-'3T5;\))?(B/,2 \0%63WK""P0I#5)Z8RFY, H\FZR>795UT5S" M1%N.$S^8+EV3 CGU3R%7%2;"W@"]=KC^!)6W!LP:Q#N(]ZW%. ^&26&PE++:$ M$O6RQGT4^'<-=G74"CQO4B7(%,I0:JI,N0E#KTHW)-.]B4<6:GP&"";**;SE M3)#CYA(8L]W>TLU11C3,(+^0T 5CIG%Y '^=ES+",<^3$9)LEE7]*NA/T)|; MZL\<0W/X/VJ1H)PZ"%=#L%#B.0>1-_B'OJ$2B*":E'E6!NL=I, &TC>CJI.- MS*BKR$UL:4\8*TD9-0]EXYC[BOAC:WICVWN#? S"P!X^<6'LJB "$;] Q% 2 6PLRR4& %RV62-TL:LU.-+*,BK^ J'Z), BER8&KICB:O&KVS9J2DM M$D=SX6S9CBYXC<;&^Q=@Q<4'=]O2$<$/F;** S'EAI*+AXC 1,3V'ECWY M&DV7[)HLFZBP^U:8"R>I^C?S'/MFUS%BAC#4)[A"SCR:')GQ0=JO1YSK-DFWS4;D9I4K#[K(YV53O7?D\ M$1HK.[VCK$65-3$FIH(RQ?1*;F,:OKWA2'6_[SU$&L;7< X 337HNSX+A$WV MIT/(??RB.A6%7;5X7=^8R DNHQ9J/|(1*;SE#!(4E$NE38Q;9F%E R?7 6V+94@TB MJ#KLJ1Y>;M=%8).CYI//S*ZTK0].YZ+9BN_MK&^8R2F4)YF8SPP,XZ2 M;"F3KNQ>R&B>,*ZY12OI&:79S% %&^YW3VY+4"T-R8ZY.#FH%^27CI/@,(L M.0?74V ?L<\3N-39AI';:0\F]\GHR*KX9E06VA2O\9GS*RX?>M@"1"A"(15FAFL488@Q*IDXK M2OOJ/'"^;66$ 8C-U3?(W+&%8,FTWYM#.OD;>6'|TN['%(!PVX B#DFR@))IE M:.)H19?3J#\.45GLLKS;-P@XSIB&Z"7#PN]?!J@E_L!O0RF/ICZM6&O MQM<)5WD<+3-$(&C_? K7W8@T.K#<"KA0$P1RL3FCH5"^7>=]75^JAP;$)4KZ1 ME)O\S2K8\>AESC6E@U?UT*(N^-29 MZ6O[SUY'DE>M](M+9BF#Z@;5O;'J&E2[YI*3211#&:L@>O#> ([^8G3^P6VV@&,F=UA$=(M0W/"*BRL?Y6I;+Y"U+B//<3SN #$\ MK&=_*P2/!0 #[%8.WA63G ^YCV9]6O0 0VL???1COZP6(!<3;-:?L?/1BZ< MC? %_(YH'3W.GN^MT] X07%NK#@=R"R"+Q![P=]D7*1PC3.!OZ])I(N?FKY_<'5",@B&>2S0/O5E"!VZ@ W%=!)EER?G&F+/. M&>P@LRD%L\T]=T)FD#6-2BTU$^/$N0PM_7T"*A=R7R'1 $=++<.-"H\!1:0?[MC4MN9IU=NS.LRUP@?8>V\NV"V76_HNYNU-WO2E[1<^V"ZQR6))N!0M5SA%? M3SQ@Y:+$[.O8;3-T\?D&=#N7E)8=$3E2RU(X*J0GE8B3:HR6[&C.N%V M$U4W4I61A$'L3O? CQD:-WQX89L@2?RD-74.\B"YI>)$*;[^6W>WFUX|\7LJ> MM@FXMD,N(VO,76+XH9Z.XRD5;3#N/.ZFQ2,;"9] 1(OZ O^EVPTMK'>?51 M,OZ"%W'!]BO# /HZ^H:3CT:Z!\<72T-"=]%VOB/P[II"A1VEZ7"A#/.E&3G5 MO25FD.*Z\80[0+*/L0'A#Z?/,XD*U7"S-K;]'Y\^.7R.7*NYK@,3) E.[V@. MOY[A(SF".3^!2DO"*9I>Q=AL_V2%9D9O,4]PJ.EHL(@FAUN&;7+-1KF3?>KR MW/12\D7]DME';V//OAZ2GNX/VH)(F1D)LS7^D^7!V9UF54\N[N>Q3\?(!EM2P+-S-Q M_S6V_]^8PY!.!61^&2>;M@G3+MB)EYAIM3TLE;#T&;BQ%";;848#](X9)\0M M&8%S##D!=:=@JP>-W80<$KYP?8+(7D_+Z;0=&N[JV\T)NT&||TP&];6))K V MQ&$U3.JDKZFUBDY:!U.XXGS$ZQ[&0O]."+6N"K78B_,IO\C_73\RNBRF)?[W M0. ^]!LZQ=:V!X=+;GRWMC8)?UW2DAXXPDJ3;E+]NH5T)*;"ES5@A?]GS\A)U M5MK:T;.G"@38531)VLJXIH5,.."2,\6,".EII6+>]X-7GFLBLF64=@I=@LM>28 MA4U$8.T/YF [Y4,>+>^"U/$,SZ8R+HNGKCOI1UL1?_&5,051]+LP5@%I/PF MD'9DG((?@8)HUK4G/U<_OZ[-Y:7-/.%>=R\7BKYL#LHH+#.F.[VK\!JO-CQ$ M(*A34*<;JM/E3)$X23Y&7.8T&BT-Z26R'X#GAFVNZUD+A$"IZ2&S_L[I&"G;+<)I:IL/^E"$!TW'43;&@C):E4>UE0W#Y\Z_M_03Q#.*YD7@*^$.Z7A-&?Q&Z M#)&;B]*THNDX#(5-SRPYT(94!SH5ERH(F/#O<;__L?Y[ST-@W9DY*I9%@"" M4Z7N5.(X0<2QKR9[U%_ 1*S!M5B 0DQR2>Z$D,5-Y+,]/:C,=P$(VE-]6+ M6?Q*O)DA7%W 28>96HF\&UBV%,-TNW?!LC:"Y07,WT%PL+("P%4*,OY@M:Y#/ MA&8X$*P.I[\;216.$I!T9!5Q,T!E)<1L7+- :%(G >44=(;')I*CU$<&C.S* M"#22 ?4TJKM#,:C7K=)5NDL\L>WJ M5*!CI5%FT@-X;9?*U.NHU!P '92=-^$C-3K=ZID!)S09UOK8I% ((^D>=G99E M&M'T#X9VTG3QWCR9 Z2+(!\L/HB]65/>,7J1T1GJPS;@85#1M2XR(?M\@63(M,MM\?50/^/<'T;0P +A!G!GGE@UU-9:='\[9. L B$; <3.'/+R%EUR"2|+NB8 MY\KUL-]KVHT6+)'6=[A)A:R2PI[.):PD%YI^TGB'X=SI+0T='T'5M]!1KMB M<\S$NH.)X\6"1\>L:V/2$$,9=+1!2>=1!Y3\8)@<":EQAA"]SO&HO% ##1$N M>?XXP=&N#*QP!D2YP$R"_C-ZS!]* C9TBL@MY8Q+(7B4142E%&T0)++!NU"R MR[*#]L\+|&WMI[>X&$=4+"&QNK9>ZT5)>Z-7920?:*IM7$SFP+XQ#N MIPFC@W6F:=#P$78N^$.>0<&J:@F"=YE4J8O1;)*O."F#W!8&PI2320V_AS_0 M!H-U0;BZ)5/Y4|H#=%>;'81WNVV_JSZ5:-=E8Q-Y?TWQZ1LUEEZ3X]@.=IPE M*7JU,B'T;F'0L=_[# \TL+^8FEY.CP^7Z)Z7V(?D.CE=(S)RV/N28VFR#*KW M^R-]6:C6-"QDE,NX)>/DZ/0)BZCY!3S)D?F);53!'R!(/]&#&?G.#C/YMG4R 9SGIT YL^^H+_/MU)-5=L1$U-(KBT MM*)G9X>GVUM17*/>]7NRMOWNH)L(_3O=; *>$@U*CCXQAJ>.3I_SV(K3YZ>6 M54K:2C_*Z79>IG2B';X_I0V+IESSY;!O<(7K)@\&F'O%)VA6XZ+2F6B^1' MY24|43W+%D*A%0/#,E8B=9(1E2XZ*19W8&$<]>_1P C>P&83\(!I3)(MR]P'QOA@D^BL4NH !1I+1%F)B=_:-=",8<9F%[R6>U9(&A@_Q]V1NY.D4D#<[MU,,]G^-*@0)T[,@58LN=.>;Z-[OVZO'COEU2\5PM:1=2%UD)/FUW9V0X%3M% MLI6XD2L[V.VUTTM%$_ZC3ZV)ADC?$5L)^*OI3QN\HYV:U5;,<"86#21BG:"C MV#Y&=? \9W&3=#H+OR;;;57;%X-*BP'^)M83,;'% M\9',-L,T@;Q-0@<@Y;1$;/9X:SS=46HEY6>,L=-?*T.!=^ C*#< MQ=AGN>KUP*4? %B|/,"E]P,N_8V88CUC/+;L/R|WBS[5R:]@U\%)1)I9J792 M>9&NI"<=EP4YA6]WR@96DVL+MT|&=QS>;PZ,--,2Q*;.Y/)US"D7U[/19#[WM!3P%/"ES&58L0DRY7VG%>? C*+W\8Q_FC7&?];\[[U%&5CW+TH#F.'IIIB2 MG;L$RSB3-M<.CW!-$:3WN<22:OP(EB=$*:SA6HRBF$ M@P@27W\^>'9V@D\!$?L ,0*SBJAQAH])(RY*/=U+B^#0^%*Y_"KM@; [+F;+ M/(&0A=EABFD+,4_T&>,ZZ9.[1*!J\@7T+&U-)YU;;#5GICUG|I8X^"M.GB-$; M.[GTCA<_^,SJAFG|LO*6)F/UH2|MQO=AGN)C[5?;PW.SA8UKQFY74 MC!L#JC.#N^2:BXMTBT\Z@2R9X?(XE8H-5M] GGAK#"Q" >W21+D&M[=]70N$ M/;HLX*]'/$9_W>=YJI7Z,C@GR_2#P5+E25N0E^C/0:%B.B7#5H^^29+Q6=9G M[VG:E*\Y"@D_Q=\;)@U+F46SZE+*D GD+%!*W#MU&?L.K2Z_HQE3:7!=[ZG, MZ5&<45>'Y4SP@@UQ +56.B1?*RWO@KA=0T&G1TL-"]*6U/D0&?HL8Y%P]1F\ MA<7T>E#$CF;1K0S-7R\17]J;1UN'^X\U*R!YH9C)=O.X50W/U$:((H07^"6$,&6UB*ER&N3\> ML+Y#J%]@%XM\7T=^\SU7+/LX$3HE*$Z=ZGHV9YQ92A6'#X B'%(%6 M1' "KVNXMO2<(>U[U3O+C@?887R8Y:E\0|>%%$;KWRV]92--/_I>G/?"&S(ECDZR MR-3*^U?+QZB7;U>EV^@&=6YO?NDJ'1UH78[7\/#W2ZGEXJ]-=I+)+3*])2:= MGBP+VDIR:2 !R[Y6H>&RL!*4%]>DG"T^\]LN MU<#YZFTD+-B<&IB8A!"5#,YZE++# QSFIUI@"R_1B%>_#0\;]+XD'" MK$[&^/I^F1;B,4[WK0FG9#**)NDVJE5UP<+7.,;)?H)^@7ZTQ* <$C)AV!%;5OL(G8&'_OG2M_$ M9F:A+]*VH/ZS]B5S(',?\,IF'ZRSB>_EV2"[/7$GP=]31]48F9[$]_@#G9SM M+9,=C|$!O:,$SN=9OX]H6WP=.C[I6M:\K%=0\A$^6A739@:.%_<$P3EV% V) M %*W<\KX<2]73I=(W MJZ W,5&Z5;>/$]:M<31Y5$]46U^E"-E\@76M?9SM-).+2L#YZ'MKV!O EQQU<(43GGIL25MT,SC '438:"!+<&JWTY#E=,(9?[7,L:^8,I\D MCP91(OO/.!2:A^?)%.Q1XI RHAOH*0#AS;@S(;4%DG&)5!P#<"|LQCI^]H> M]#DD,H0-AT#A$\$E.U4!FP?ECGP_7'3SN!P^CC-J\A#\D<1[!->QDQ."[&WA MG3[VVSJI@[IE%IR%6"E-R>)MF@161@HJ-<$MEGF:PHSF#L@0S"..#S&SY@.26 MQXDY3?43-W_ 4?=*)4CCDE.)'$@_!0-_#L0TBP4, >2VU9QV:3U1$8($Y..2]LV.&ALU1 M!QW.EM.SYMSI<_VSZ["]"OO5>B[8G1EP8ZJ_>(!9"^Y&O6[>P(?8_%()DOO MIQZX!\UD""6?T>"Y#]YPG3$%*?7UV9&!IA=MF,5FF!.50%$.(,*'0=-C$G9B M,#=RB+IM9^H,9TH$4HE0*1H|NZ;JR'Q5-(YO!;2\,M,.GUB[?6'"7:"6NG:0 M8MFQKQ^-T F;U.,(4RI7PWTA^:0W/">H7U&_#N2/E0I(%$O>D*]5FZ3EQF05LP 6]ZK*)&4Z@07R - IM?5]C#>/U&'"IN0@H&'$=_(BE,N#$F,B8^2*[-] M Z#[_:1>P]Z=]$EIE;]68$!2*S9GYORUN@*68.O.V(Z:U^H2H0!!H/LWU\ MB^?,YNE3 0-!>BO^86O/XWRDU5"4S@====4N%[+.[Q<+)9LX0I62]SDZI%V(9$86_MH.('TIII^FJ_^CA8P7G4?.5=-H9/"$LG>KV3HY,G.*> #\]/O[W_^.[3VX/3 MSI%.1HQSR<1ZS=7W;(Y555CL19EAL?72LF5H?KTACX$Y\_Q[,&:][>] [!I*QZ MG0(S7H*+#>:N1(;'< E#)^'\FI*4F@R"9[[4"V&J!#=UBR@2QNXZI<$FDH3X M.0&:NLLC1]C*8#<'EN(,]?%H:E;;]:A2]VD+4851^@@-L-;9L^TD5S2^VI* MCRGU<*<=?D:G2^L24>:K\)UXGJW7\;O1WOD>2S6L"U-6D FMKQ*^=^5TO)K9V(%2-:461#&"D0A*W7M<9T^/#2F)0!E=P4H M>WH4@+(!*+M#;1>&&,PC :!W.:WI-P4 KG)(.Q63WH9'1B]C< M-2%DC7R'#@*=X0A>'EW+)"^^FJ O-+FNBX0ULV^82?WITY.'YA"+B&HFON M2BK;9BSLI@,G2JI\N4!OTCW?1WI(2$7(0PF72ZSG&92K#0$_P)K6!*=_;)# M. ^?E3V*98 Q26>5+84%,\F7-W(FPIWE9L<#]Y1"N6.=;E!# #.V%3@>(2<9= MGU9EN^AL#/W *$VNDO2)BG.,"<@-A6;X?MY(V_[7\,9|+G,C)L%4,\7AP1 M,GTGZJBH.8:WV479>'1_O+L3S8TQ;'+FB9@D%+G8M82C($>HQG*FUSY3HB^%1$\6*Y$PBZ(:P=?G;/ MT/.\>__&32NXJ'VAH=(9HY6#M0\,S_.!^"+4,97HKB@]B6/U$.1)3)1IMN0S M!=I,Y^6L(566EAF;#O@R= UT,^M6IX8J;/]GEW1=NQZD%W MMT-@XPX5T6@Y)P^#&\'R(HBM6G1!)'EKD#I') >;^9CME\^]-Z%$E\H\0W) M"I@ 3I/@%G*QWlB2#XYIWN6;JKQW M*T.N?*>BU[6:-&TV&;"; ;P3#-:-Q)/(L:FRAK7=##M=;@$K;R4 M!A9J6.FTL$Q\$'.0TR"GMY/3LG)S4? V,MQBN4,U24_%0 ;+BF:@RCU(-2IVJS1A8NF M$F-=PX>D&T8 F10<$31E%40PB.!M1-!U"H1#%>E_LZ85O@<<60TK-RJ3R@Y M?_?Q!RY&2S4S;!E%]P%I+'RZ&T9-8 UI 3="D]L(U2]00W"'(3Y5NZ/-]%Q MA&0^]M#6E)$;*!9@UJT5)DE:K(,1U *L-0 .W P')4I:3C; .HBR&R0V1O+ MK/BEM0@FMS#W8G* 6!IET&>*X M(+2W-;1>WUEL!%5(")E)3? \)IS]6CTGT*-6%8X>*Z=_45_DO-\]?LT'V>=#7 M@-NQL+F*NM(D%Y62(2UUD=[#+ <%" JP0;W*D5EB$!2\))IY:(6_0@A_%MW MJ/03A7'A2K/GNT#]8=&.&<2O] <\CL[!3N6*'Q>4OT3QJUC2^3V #]/6(O(,. MX-X$1=E44>8;*R\^AT+[+[THR/Z>%*A"1M1PW#,23Z[!]2;:72=>KQ6V.AX$ M+<$]] ,)TH<2V7L.!\:X<#))TR9A8SN\G>;KKPC9H_%]!H%7%LQ0|L>2)B6@3: M^-%(FZEC"K'K'.]_118$<2/QF:LK\ ]IY-DEB!'B%*@=:UI>% M)'KCD+G %#*306TW=?,E)NI 00";1!Z(SO^O:QIZ8R5(=1]/"L(G<$Z4249 M,H<*@&X-$)U!BZH"$4Y&&*5HO3%AN/ANSAVO(ORE?7D(0X_7P_9X'8<>K_WH M\0H'0S@8KG4P#%#]=SP3!B(3!%F U#%\;>TY(.%[YT)O/OWR=SP.T#>R9!"V M!J9IJ6W."T'D$? %"4*,+!$@.!02UVQ"+6<,(=KX3#&X#(%S;BY9F08B;BC>!I&[CW$1&'2KC,:PHX<,, S>8JB MQ'NAPFE"5>Y@6'?GK/"[3NL$IW&@#-.7I_0E+S)WNK^+H Q!&391!F;!,S-7 MAH^+ (%M!MC8K'U-,2 ;+)/C0M*95[K5)-6S$O'(%KV;'@)/SF MH%\BH*$!@G=U/KYQ(#N%*X= 'Y98)2G3K;6U8.)*B]PSTPIG]AS;(DD?A((W-")1=H5 MGM]BW5*;U,H-%4Z"SZ,HQ5S;95)'N/^IRXFI]0+G*I:=5DRZ?N-8=]02C/GL MG+F /@@2ORFX4N6V:&ZDUO((>68;3'>@H*DF/;(RI2A9Z-;51<6$T"D0XQ* M8SP 6G9L00[R6>1S(V9SY/'K8 ,8QCV.% K=%'U=RO0O>2\")AF>'D0QB.+- MG8-KBQ] Q!ZMH)4(NZ7I=,8+ M|AM;;YV&9 2/!O:;!4?@!8C":/4-@GX$;BYJ;Z2HIXPZG!@V K*;XXH"L'S.-N11.>_ ?.!FHY7N? %W*^>6#4[69XP@!K*Y8@+"3GB,I[WVD M,'$E"/N&?HE;/61_HRV0%4_2&G8@';-++H7A40\$:K%<,B * MLN%[[28=-D:';7F 5)0Q \^Z)3535) /2 11D/+/<72[W7N:ZH>;$ MFPV!UYR'WQJV,*+1:Y7PO\KOD-"X.WF#AVZ04??-)L-3YW]2R^1K2"W)*%3F+$3YK9"]8KA!(^?:220UC091!?# M0'0'\XSH+!EU4X,@(=&Y# *202IN-X"8#$D!F1O#ZHTJG3 UG]I9+",9LZ.B MM-0>)K_N@&!U%-%,N%#K).RJ82X/S:;X&&SF'\]54\MXK]N;>L"$6:W92I7/ M5T]>%08-(R:1)K#@A#+P(\_T8PHVY, ^"1E\/6:$?,-]I].[CWPW^W.%%]'$ M@&70WHBG=_,Q:0OSO2RK!",PG>6^8O2R?#"7.?7 ,I0V_ MN>CF,/A'3=7?(M6=_M5]8W;7GVL=-CP|317H^- Q'2AJVG2-R#&AHJIHBU7RV/Q)W.EY[;^)TO MED*BL]6#VXP+9'-YDASO]BUY#4HQ^#H@^#(*QL(:.;?I=0UPS?\2>O.DKG4 MIXD&@O"QA=9EVC?I)XZ<[/GTCA4 +XHO+_2%X>'?8VHRNCI$X#QBCO^3) ^ O# M2Z13<=)*YU*I*1)5S_==4N%[+.<7E*,9:7?HXL;/"@*(-CDW&GY$]D8,28S^'M)7]M8F2_SX$Q@6N.8T+CG"T_,5GCCG080U! ,P=]):IVU$Y M\Q4,R8$[.F7EK0>0B@;9W6G'0^2MHC(576ZFDKR9444+<_>$+ <1N5OAV6Z$W M"H%9.:>Q<$4RI96T[]Y1GU%;I:I817_UH->1F'RN_(%U.*RR,7,/%.Q,.<_& MLD38(G^1Z'&$X]GJ.CRXZH7NJ9WIGCH)W5/[T3WU&(XK=W8+6')P3;M>Z*3K ML3E#8]#*C1 -?7:((\B.D59C3]D(@TW4EAD@+,7Y/Z+R=[3_U+0HT530_" M +.HV3VE,2U%H9S![60\M:D_C'[#]:N1GJLUS]HQ 2TO>LPW&X8*444?7,BV MYRNPY.*SSK*%P4'>=+XP3^*YT:^6](1Z?H= BK'I"5XA(X?//A>\2'.)7F@K M0W$&-@P"V#H:4\4P9:+B29XQN(@&S^"0<_^(E)#?2FQ$[EP:@T'&_O*-W\W. MRJ5YHYF,&\-;32MGIBM1>^O\3AI)PY?3#M!#'*>'\480GKGS8;NQ25.K?*)E MX4|5PL.GH"DIOE16KV;SQ WRQK-2[>I/%L58NT7> !S-)U!W@I%KKE:LYQ6- M,1?(#QN;] (23!,,)1EI$P6$1M'C _+!YWQM7PI)>'=CT>@QE|8VA;'A.LJU.E M!A)2-(\&!]HY)61B'Z94XZC&)%Q:?A;]OUBZE',4&C=">_1%F5 MZ.;3##>TEV-E/*3.Q>H_24ZVDX"=NSQ.G%UPND1)KT2@8U?Q9!'IYIK&8_U $ M%$Y4VN75]M(W_GG-&"3,]DN62K+#*]-J|'UD7)P3KLA4W)64K)^1E5.*4K#X MG,JKJ:RCDV5VX3]D$&Z*5DR>KM|L-UWK(_=NE+SU^9?A8&['RFXYO6ETD3E3 MO]?MC3GS+82QEB7M)')CYV3%X#PS66Y-.UW|CQ8LXQ:>R3,'W59"D]@8|*GD MBQ1=CS-EIBW4)@/28P8X?<9&T$]HS:1Y>331$54@@Q:X!*\]3P(6=R%C&S9LG MR^&;!3A9*_N LOH(8K|_D9>+8FXNBCS"W8XZ_GSQ]4>+D98+!K^BU^#3 MY=')T?$3<8L7BBT_,TS? Z3/?Z0U'WF K=$.E_PW[!=MD.5)C;"IS/"O0@?])) MBA:A!J?',D7E_AR MEZV8BMQ;W(4.J-+1 :+IQOR]RLZEW;I9%;M+8M4S%|&;-19C-S95'+(6!TQR/ MHP-.(KC9,]HU%=; YBQ $*6DQO@/?37G)OUKL/+.*ZS,?2L?T\DH^6!S,P1] MT:T6R%3G?)T?.$'<2SV7 V$,1KLR(T)QRS'L&&%@G:W+&@))3_F<79%?]*< M4^=R(RHQ>K>L-3\0PLLYVC'RY?]R5:RZ)@+_@P)3KPSA*#!V:Z)?!5M4X<&Y M],8 |X)6+167WW;O9BR96;V,5[|%:98;D+SP)N.YQGOD1?JH& :E.,SU0R%' M(2Y15IMB;>PPPLI$&>ON\6@YV!-M8E"XI&J!4MW,*J4.EB!$4P*.>9&^$? MT)P$6BW62#W.$9?>;'K!+5DH\H5.:U0%PDE-#05:LXCZ"JT/X(QJ1U3\6/V M$T:V)$H?XL=TMPVEFZVT!E=X M%'*3ZYC*>6(*.KQB=9*ESC=:<,CS[D.=@9Z6^ M9@V?N.B!Y]Y7\#8XOG))(0-./=4'LK$J\"[_;;TW D\U3F;)-:NVL[XIE5)* M..4;-KGCK1E5S*VG@HRB1-%BPAMLH/^L&C[;M("3IH4]DE$%QZ7[' MQ$9|M/3L?=PUD6PA;+DNK M;*H*PZDZJD]83";;'Z'D4?# 5-1GLX,$Z @;U]0|?@%^U]=\$Q4X=U;&+ >#_M&\ |IGB** %ZL:H76455C0DGW,&9C-XX.]-[Z<$E-LI :VW]" ((JMC2ZQ[<5L ME8/981(60OU061]YOY(Q)9TH\$C8<\. K"SDX2G=ZSPBV/T,;] S?2)BCW'/ M?Q['<<]N!:]G3Z0N4^1-+ Y]H-+V5/3Q\R(,RI6B<%,=|6LS>B#\%86]>S\2 M SAC9$9IP&<$< 9]^A'WMA:X? 3M(1B %=:1X1%C K;%^47)<4>4PJCN*[< M:$ TGWZQ.?KB|AP8PEW3' S!Q285H@LA)-6[92 C>-9B7D)I&$@QA;5[T%= MV7|A2 6D>9.>7\;2U7S=*9M6#6,IC^E$Z8Z^--Y0O8PUS=|,M=D]5I3- XE>5 MCCN+&^:&$>3!77\3R0>PN\=?4.Y,(&<84,!8$NG:\0JB)@$W)#<6UV^#Y"'7 M%'X_RT:9I! [,1/-@UVY,^A%62&=%54V)9#"DHAV_?D/.FPWA'\F?+^R0AGK M'FMZ2XN IR[\55XZ8W-W7GCO*'KIT"]NNO[=0?1*KT^`?#&F9&=.,53'1?1' ME/_%WG>-K89-(!EE)(-L<-YTNSD:4KAEDB2C MK7%*3[G:MN?37/[_MU0%OY7?>D<[!1BS(:|]$D\#PA^4)\N&-V G6:282+V5 M]!UEFJ8.'8PR3>-3XG0]#7@%6.="9[EJ%R",!@=$BMLPXNBXA.>=;(3+. M..J%QU&YSE*9*ZX'VO0UZEP?81ERDUM JKE,_H9W;B5C:+HV!##K,X]!@>*J MNUL]S?*\('8$_/#/5II:--!J#7M,YV1L6]BDCEDB*.PP^@!A#S;L4H4#_5>(M7.L/(54<1\5K44R0S2AY6-+EUU,@+(X<4]UZ3]F&_ MDU0>'KW+IRR[[:IT Y+Y@M+A<2!Q4X='EAT3NIW<+I=[#+RC^$% M:#\8I4=-T>@>%KAQ@BU>O9XN(K.$^?2@A]$O:.$0((XI.]=ZIAQG2V8HD4D;CXVE)^A?7'Z\P3>);D(H%0 M3/NQ9F9108!K,;C21=FAJ[:G) $<^KM4HY-85N[]\Y/O'9S@FWHG.F!1J;K+H-MGF:\OADS M(?.O38A")2,+G5QMPV-$*7-4<+9VQ;6T'F=N8)CC/,GFH)H%8RQ_+JS9GH-N^*(!(-ZCGK?*K[^6#U M36W.;0LA|R4>Z)SNP6_W!:$2"L9=**M%EPX357GO(7$+BX85(P>8/82^KDV1 M>F[]]SYZ'5/K8%F6.] (JL!PK#$9(C^CE?3!M?H*|&E5]$4GX#M=*O.,=903 MPUV64A?1CA@*NB8$Y0+|,3+AS;E M@=LI<#L-ROT&,W3\LU"O DJ,P(=[")N(W KZKH$)\6ZH0OU|T-(D@])UR7VZQH5#V+EP8ZB* MO<'K<;,2VM.X>$)Z%LQ^D-EMR2QUM8-?__'M+Y_+=GZ\Z&/2\6G<|$\0]"#HMQ!TIR%M@MFBV'&Q#!;8YRH;5Q2CYQ&X\N"D>QH>HBF2DO$L M4Q="58S|33IP%'1,.AZK'76IZX8]YA9MT1_JX91$AE732VH+_&MX;X?I$GKQ M2]>U H@Z9T!23\)(,D DMXAU!G7_!S6Z0P1IRVYS%(AU=WN2'_&AK:7P+2/ M_X?3+ ML9]<" [#JF09857_7^"6(/!C3D]H*P;21L-=%&2M,7B>*PAD'@N6Y MOR/EE*!KR["?3HH37'A-NEIQC\AC67B-4IX. WE9 M65T)-.4 "=F+'-F M:*K(3,L;(LJFR-YEIG|'(QFD,G-3NBJ_(K^Y-+S1C&J,?SC0;B"<&TF7(AM MGA:>"0NR%&1IHR*:D_6051#5X6SN. ^3D]2<'!R8/-&3&66)1XR8CDQ.*PAF M$,P-1\QG26$8O(EF78Y1P^]M*BQB,IN!H6RTS4=)BD.SDJDRWMY5O9Y986:F M6&Y#IUG/\K(YC,2VL<@9A392/H44H6|L'Y'N(7):#HMI4)6@*K>UX9K2A@:_ M<-7?Q$34HQ2"FB!GF_J=A),E$VA6CVU-!).G'@J#]#U$^9!W1BD,A-#F5R'/7 *K!^U 6@I^&6R%"> M^TRR=OH0SP.9YN7(SB89@WCC/'/I5P Q/?_P^[LW!\"F#4NE -,MP!$2287/9^?;M@62 ,78P<;$ ZJJX.KU_%$C-[TQ1D/C,"6,=]F@NU^3@1*:. MW#ZK4@N^C&)C8&<>5ZQ4-10V'"4Q^%(Q&0*B_7;2,HAW58A4G03@),;\/ MT.0Q=00/+Z$;:E2N,YY+H!_TU>6"HS)CK3U*E):X;(B_BJA4/*C(G :,,/: M0D:D"-)$P#'.DF)G,5+@E$R;;K\GG%<2 $]#FK!J%8ZNFN4[(E*YEA?\F*5_ MMR!/$^()TCOEYTOL4 O-*

3N0S!ET]/HETBYR>+-J+%&OLMO4,M)3PT[N",\Z- M!N8)]2#><75GNJ <%!6[+T.#7/&6:,GZGBA 6[8Z'+('#\8ZIIE7]\3'E,<^ M,OA;(O8_\:>'T%P[$T=D3%G=F# _/Z%*].&*
<\EIB-.0I]J&ZU^!ME3WT=_9S43?2YPDWATA1G4!VR M1MQGPMC)2-4$UK=NNKQ.'OLDTKW)G-#.*%IA!2P5,_V9:;*O\0@$!?7\D;#U)^:PFLE'B1.L=\)$8WC8<)Q-U ',J(.?%MJ9 ML]U&_7E_9TI'W2D;V@/8N1HB[EJI-\[CPJE4D9:L[]C&9;[/Z&'OY&1(XIS M_&V_LO#D4/4UP;,T=F=YGIR:N:?1M (O'19E0.%LH<$A,L3U\F=D]"ZI#B@9 M,*X?O>S?(#,S0U1H\ (G,R"F<&%4U:6')N8G]:U(1:5;#Y++)N#/>"M]9[!X M\7,]^E@_4(=>&R'H8VS0?_^&AA^:H8"\@._%#N&X5L)-BD]KT:VV.#@6F+[+ MD/]>%^/AGITE<89?
7W2%|=3H|^491LS+$Q^,-GD3$&_=N#TQST[TD/I] MHZ3.;!;50MW5RLL_N L>&NMVIK'N+#36A<:Z^Y*VSV+B;")A529,YQQI-@E
M8B[Y;!LZ1_!,QCK[FA[EPRAZ;>,1, "#6GGHO%YS: X17<;4' +_IHDH-9+" M1,NRY?-/FW!N)L)1CJFR+Y(UA[';'YQ',>D_1?3P2AHWI<]1/]E&=,AR4E6?J0]>= M+#!-
OH/>N>:XS4QA$OAJ09EC;A+O7!ID5X,%C&N= X/#S&0DEF=QE0M"7RK&VD@D MFZ-7AZ&=#*_T!\!|HP'<'^YD-9V'7$G],*3 M-9-6B)IM%-YKN;XBM:FY>T-0=U!MK2OB%!M4X+CI
M2) 5G1Z^;4\83 :Z)P?(, ^8]4@L9$&"$'MQ*RV=VU"; !\)R(-?I]FXF\\H M;S!VHH>A20\'=7CP'7,_TF^"7#H-RCP21%-+ M:X4CA#C8K4MX:@XA_/F&YMC0XWX_V>"3NPDQP)+6Y
MQG'M='+07RIS&2D$R8YT^HS@$QV3+RAH1)@IS6MW$"94Q81S M$^DP^=P9J-!0L_2XG!8@ZZF%LBK.A+=5C4.E\&'^^_Q7=PHSHP/@MNXKR%[K MD
XN'"*N9|>0@3<;)>01I1H&5.D"[AW6JA>]*F3M|"G= 7[5FA\;Y34-Q9Z'0 M#4BJI=TT)&.4M:0'T5-)Z6&;656VT]G !%=T!_1! MQ-5_%N^\Z?;.L[0XLY;=DVSMMIA!X7PG;Y>ZFP3KDR]%
FXV7YRF^XP2N4ZV MU&M>TWW@SBZ3R.F+;AVSO#|W@&SXZC.BL[JO0V,"O8Q:@&^(QV\>YRKCV*]T)!\%ASXC.B

*M&QOSYU__F1S,2_;1/_[\>LZC0:UOYA'H+VRT*7VAH)^0V"7V6NH]R:+5(C:C MK1K;&2B=LKWAB^@,P]?#-?X9G4]\1:R\$L8:L7.A:/FZ=Y?"-KV0[ZJS6/==L*

*M^0\7Y,9V%;8E41F1"_8CDD0^V)^8NW0GAO/%KFS#<\4>Q9?]S9>OY&V&=&(C MXW+W:8?)9 $M9OV, VS^>/*_N5+5GJDEQ+R1]*@P-E^^.$]1OE:IMI*B$./ MHMS&?6,'%-*

%M>;NBTV=$C1U#$6E(1;> MMSP1=9N>2 AJN\A[9E$AO63$(V[C//+O9+_?9'0V,$0.A)@AEK>RL_2)WTIP M4VJ+-,LTG;2?FB62_9XE=V,;)//+NLJ3K|O;*

6&UZ=RZ$PCIC(7X],F%&KOU-MZ'ZO:C$C7G@<'-5>+A0TH@+3\FO[&IO8!PZ\M@ZR*C;=MH"0Y>1 M/-:T.=(PD?'J("T5G]OGB(GS;UESIEFZE*

*&S+>9T_3Y"'(@\^TQ21VQT40. M'Q5>X6ER.M0%K@LF]|R&)/M.N&*ZXX\>"BU0TT\&:OJG!6JZ0$V?+XW7#HT6 M5V)*3KD[\7@DI,RGG(HYXU3!;9$)MC[A9Y9T?*

1[7]<)LZCXMB/?EO9()\C7(M3,B;E&[M8&$5]6W#A)U+,F+X-<&;,#SBJE9!:-<7X80_4!3 !AH^ZH=D5R19 MC[D\A189R37NR3(NV?]H;J]LMR]8E3[\W+2=`^%SCX3W-;R4D73)K'Y4%NG. M`-!)ARNXZR-S$M'V+1>2=T.V#R24@=:.AP;]$.@B,FOP0A&^+K=B'TW8 MCUDWIIB™[Q™UD78ODK=-T!MPQ&BP.!TT+ZH\&(H(HU!"G;F0IOS*T9Z"}J*

*M)V7DY[5L+#S6\LBDP?>('4Y#,\&"BJ",ELE'#R$ ^#W M\(7T*AU#.VW%&+DM6BZME-Y3DI&(Q /W3RX\O7O=M:?E%>M8YVU!8DF2"HNGB MU!1'HYAK*LRS`)9MQC@4/;Q@6-*

*ZJY,9*6V\5=__)6'' !WL=6X@\NF3O$)3 MZE2I;"MNX86#DLC0]IY*O\C&#2;>%7A-\C>L.L8;#5<^8_S@2H9]|/_/.15* MEC'KB!/N?*

*9:]Y4GV%G[=,W2#MC+A+J8COSZND#!/E3ZNL=12_G[2;D(X>=:(MMCZ[%-DD 2I8[%D4:) 2O9MNM)))B,3<5^4G4*SXU*SA^:@:GHJ?X>(,^BU" M!@M=PZ?*

*F3I2NX18B!6XY(7.*Q<ZACOBU$+XQMR&\@*6L0'4PV[473 M#0?E=9$^-$HH4&)(,^X\0Q5#K,$WA7XA5>P4&3EI MEAC(_!_#@+*'EALG+YB;GV(US!F#W&>29U?]*

ODIR/F4+2[^B&R<)!>G&TSM.K MP_60X-M0'MZSU!A!FA?%\XS'(i//=2!P7[_9OHJ9 R-I(\(LNHM.B))4)%Q?:M5I\SQ5J1C/-N LXIGV_"C$V;BT@L,F-P!S1O/^--*

G\QW+K'4O8T>HBXS[SN M#W/=*^1(U\5ME5IY\TI8.B8F9C[W;F0,X[JW9T+E';DN>W%O,_3!&B7,6"5) MR7(!,*G54;-<(J$VZFM O"4IO^!.5?B44T+29;TP(;0ON&C()+/6&,B4.;%C MFOQ\,-)!H@;,/,J.B%C9/*3]@K0*&]>"YY6B',(Y^DYV>D)\A_!;-U/|Q,&9ZEZ7 SI/!8 :+-R%#6SE^ '03X?D6@:!G?IS![QSO:*[-MKP*

M1&P>NG]CN$#AV"D+8E@A0V"U)073Z9LKM@G-O\ |\?"M9;8ON]AKDHB-GB+& M%,-^S@WDM,I3OB_77DNW>'UR4/,#NS""X M5%?!*

(1W%]B#91WZM>LD&X2U.SX\=Y"1D%74TP9MSI0L+,GSV'GEO,M'+CN= M$%H[B>!Y)P+J8X^$&P/T.DDF/%\[@W#HA-LQNVRD4R?%!;,8>UQ^E]PR , M%NV%WDC?*

*M#F<7N^HJP=)*4"%<(W_^=,[^I32'7 9W!7]-8LU9XET?,-4I" H MX(R12G>%)%U%8_2?+E=:;G# M$=F@+W&VAOM3;A52#B^B-0P]2>80POH;EAGG@7J/?R/-*

@>W'CBT7T-$G SKZ MEP5TM(".GLO:(^^=(:XM+)0%;38\'TI2(EQN#R,:<=]9!0F1'9L.NIH7UDR MZ:>AK'=DX'E[D0X|IXGTT+S&@264CL% FXQL"-E6<-0@[=P4YX89X_,+8WU*

MMTH%$C2]C-LQ6-.U*NK% M43(=Q)[-\"BYH9& F59W'@NNU*I)1=24G2H2O8|S/O9QMR*UEM|>IQF076#= MIQ[C+VS9!^'>YG+#A81Q&?]_9,?=>)1)D(NZP$":%2O

*;*E#+1O_7*UZL:W%MAYM6ZZH.Q*-7.QJ,:L'FQ4)=Q6^E:)-2 M7(^1WN)"2-]3(HD8B#]B;YV.!LG'*[\0.>>+9T&T-?JAH.03[7+7D%RUUL M<+'\A^ZV!<'4O?*

WWTX>,18K|Z%0M\+.F+0/NPH'4ROH:4,]3>V I@"DN-=-E MH^.DT T+$;#.T_%#8^@B-[42I_JS8IB9:UCF3$YA6,5#M+,9>+ MAB1K"=,8XU8P;OD\N@7%3RRSCB?-6'1$E"H=*

M6\D,&729K8J2'F5$6.!WZ[,)MUHC WCXTS\(:9H]&FKZB2ZU/PC/^%>_YB8+ M+GCB#4O9]#SR*0^:+3N_F6H)AF=Z*-=EKX.IUCNBE;/;O:"F$8FP+_#.9^M: MW@Y;DSU3-

*]0\9OPUX:%X9@Y*E2%^K\[R4K'#)B^A?7C3%2ZVL^5*S.=N MR:;(3%Y$J_O9(ZMUP?BB?-T(F8"Q&,2+C?IP\|59FFR[AE.0+M&"+_C>,&DG,/F7 4R(]*

*M6G7T"N.=F7V[',\VY"9OHC6:S^&D%4(E>9+@BNBCSI6 +6G#R)5[D&Z])*FZ MX"G"+L)$5-)D3J_8[TNI&=HCY:>4&.#CS&V>(0OD:170;|BB=J^=+#8J9M;5!*

M&NBF^TVXP%\'P31XUV55BR?D(5?B?/U;">UOT\P8CLD(@.;%A'.N7@$.W\< M/<3\!NH:P@9T+Mf1XQ'&BDD&\39PQUNPU GA1M&&E\9)B>FS"W>?<(48(CI9*

M=0(MQGA3UOIZ!9TO^ MR[@;4!^G_#4[!3'M"#(-CH:\%D:#$;]01) M@Z&DO !FM-'`MC#6"W/]&I3S.^:YWNL12S[/R'FB">=>O"'"W+ ^FH[Y,&8Q(PH%;S. MWAQW;3X(6?E:MZC)U*

*M1A@N%K!!TDGAC]F& ,+N]PR.@#*5CG=S(Y=F7ZY6[Q%ST)W%"9T8ASE'Y@"8(M4%L574HC_9 OQ(U;8UW5?OOCOD*DB)1#Y[']&KE]_HBKF(\ M]D$NC6B_UU3*

40)#)I7^,KM'.V[9L/BX$Q9_7B8L_C$F+):=XW$[!|C;,;G\ MOX=RNRWJIE+/M5-A!UD=69Z&?VOC 0GY,\;^3=1PV|R[L#?#0X==+&L#CHP

M04U;W.0MSQ^06P_|,VDZ6^N"=1C"/M)R#R;WZHK\36E!"&]L 5X@^C\>;;3 M4*L1%+)<6V J]3VU9G1* G.[Q9&J<$R>QPS[O!N:QD@L*&8LJ=%40K1#-<%,*

*M2B5NEXU#&KS,[@59G=9]]ENU69@IZFBH@FTBZ*R+(A;',,@13H8MN2]V M>Z-88_T,;GXHNUE)KQ(_Y?XR5?#(\#@=D07??$!2>\-?*

@_[4%W3G7[WZ_@TQ4[W\^M67&B]K^RO1 M?M55]W7<=>0:)&$>CIEZ0W@AYM4W.+,^L6B\?%NQ"+RHH9T?1$LF?@NQNU;I MK1%!3P&DUAM<8C-P:H[T?ZCH0/'"0C9 %\77.

]DT:K!PHV.+A@@_7Z8?(-<# M_R<.E"NN+!3#WTO.RE>?|\1^;X^O:!%?QF#C4=5-N,RYDY\WS(8 ^;@OSOJEE7 M"]Y\Z0S\]HS2#>=MC'+,)B.3-H2#1#:J41)7V8 \TL8=).ZIVP$VON-(-

#>^ M$MLF]VE>$1_YT3HIP,^3>G>3PP LQNAF'E8M/4FB%W=E8LBIL=2DR;M@/I]f]H8TY{3"D|SS_"'1^W+_ +-9B"{3PB9*C6F1CXT"@F"'EC]M+$>"KU-*

*M&Q741@C(;;6l0=9]^:G+HR: !=HDZV+^;,fX#O!VS(E!]'CR=!.BD'fZJ$&7 MT*H@#/_*.1O:2ES0H?I:I&T+^W>;[U@M>C9_CPJ0:%!=?DWL'H:619H4@P-Y MR[_*(Z#GHX)&>,KE-*

<4,?H". !O!!^+V01GV/55L28M4[.>1H2[\HA 71>'.MO-J-;\D].VJCX4X@[-@(Z+"JB8(9G@K7[$@PJ*5X*GL M(CE^#)XD#-KJP6?:?85+F)/T_L%AI(9Y-/@^6X7:78/L5*JUM*

*1/;YL>0=@K; M#_%[;[GO)5=+'+YQ:RQCW%=*X'%]F$:H:O)CLC*J2QY8(77V*GIXF=;%U%8_?M-MJ9F507G97*R#XU-94%P_Z8KLD*;MTEH@O0>6%6D,,6/GP9/4QOOXH!8@UREPX*

M)TV('=BY'JB#AO\6<2\"Y[$J6[VKAD)%6-W!#%(13)5+@C+N;M@/HU?"I=S M%%5SRJF&K1=1-?.!->TWZS/R>%WE%V\0.67%36@XC8*O*PQU71;YLLA_]R+_ M@34##?@0[%?*

$YO8-2C^"TL=6 ,A7^ M#+!CA5;C4:PJ:R>=?GJ<2'[MO-U6CEV9(N'5%\75_BH3T#^?G\(\?H>?'C+N.AB_DLHAS(}0_H]^W#"%LM3AC Y YT0]^P)+TTB8T M?2A=-AMU5[F:B?*

*L)RYR@_RND9M.4\4(7+?_4*G2+1K%L%(_9*+[_%@E16N3] M+@=W^1:2-JU-*017MV$SGH(-EDTZL)FH=E+HW"GLH-88IK%'5%!W3//..&??-M:G6IO K=X/!75!*

*<4O]XU03&5;D0<3M6VQ:+'=2Z8M^8"#@2?)P%B(W#)]*4.] M.935MBUJRTFF,9O$*<2Q#+IER#(/M(_*GI4,',9*FR-"-GE(?62QS]!Y&MWR M=5XQG:,#AW\1XB@MJBA$:MML&-*

*VVQ0/N:.+SA)I>" GHOT[-MLSY/[A ?RA# M^(-4*OSLR\PNJ&[|%Y%%V.=:X<3Q@^ 9P]$8(U=#2"Cl;A8Q>/PI[:MYQ=>" MY^58!#907%7QI@<<=#A6>9%G"/?2L@?*#UFFM3.BO;8-*

*FP/<0(O'Y$ M@&SQKHMW?;AW=9Z59;/8QQ!UF*L$Z5SRI+,0UMR&QW48XTD.BH;[BM],YH[\ MPJ8;-T>DG)D)C2'_6/6[;+H3W0J=B=&S&?W\2%?LGYGMD%5R5UQ,X1$4G0A:*

*M%LFR2'[/(B&XI]%G?_HBE9/TH'-N&VQBJ'.YG4TPD#N-_ M4Y+((_&-O 'F=A^P 0)]P%8A\ M],R<G^,,_5,N [E=/AY?\U4:004>QXRO_*

M&&F;TQ!S)+)@8YUM'1#6<+R7?!?HTW'9L\(4[07LCX9M@\9K^OR,0Q65Y='7 MZ'\HZP_5/N_C5/<%?!9;"4BJ;TK'S\63|LGD>EJ2CN+87HA%]OX(E17:GU>W MV&'Z0%''F*

;NN[+2D#LMDGMMZF@MB0K,J(("'1(]^_+75);2/[^7)@A,])" M@]SQ=OH@XH0<0RH$;_?@6[QKZK!:Y_:$+_3O7"H<++(PLA5>$KZ-%&B(+]1!5B0X .X9/YF MWKU\U@11WR5*3-*

A%22&AWSK:]95YWL@$,!GL3?4S+Y@-W/7&:42<\U1*6E)A(+W]D&.F{(|1*'+N]EBD62-EQ3P$6SU%DT<'6O2G 6=[?(U# -V8&YUVM<782 MV.PEA \@8 @NE^28\!FEN767:

*[H2$K&"})]9ON"DL_SA%Y3V+';S?'S0NH6U1 MN4\D"YG">"@#D983XY+OS2BA)"[^1>]- K\; ^*2LC2P(ZH6LZ)!,/FYYEH M%S'=,FVML<'=P]8 [D9#T"EE"C^E!#OJX*

9TR"M.)&S38SK'H MZ1ZXZ+DK^QCF"FN+#@Y0A#JH)ETS-CNR1&=.SF&8,<>8U4|$)'IM(+%D8!DV MWMLZDQ9J)4!I-IS;D%QJD0X^JD=JGUE4:U@9&7&)YGH[JE]=6.#6UTV:*

*(YD MDW?CV3SF*3'YL1.)N[Y:)?3^ =:E%'VVGA-)"/80'SX8L^JO,*6#;P >B$!? M<"4P1NM!3!=E,"KU$4524,)#Y2B@8IR2)*1-IH"XX(W*

MO@S/D6Q1ZNA#5@=MQH5HYWF86W[5=VM+)MD"$]E# ;8'L YM9U@X=9FOWNBJ>"]>7Y&<6 MW[QV%P&Z-P(N:!!2/M0O?]OO!Y0_LZ6[W\ZN57.C%9L+YQ##?L=F%Z'+&[*

*M2["F$^V?-(S7";7;]/DEZR.$#Q89',*W*'4U1 KM352[!)C^128$E9!=IKZ)%ZC_&@7@[EE)B2$Q6X(V$$+%<"Y>$4"];O2CQ M+8AW^.EP])'.",;F9)@<<#B4-6[' !9F??AM^0&:)*

*LCEHSPlL?_]8MR/288$%.M;TGL83?4DU)1D7^R1UMA=O=B[ZNQ1HCVU*3^IE?>V)9[WZ>C,,RDS=ZD7>;.MVC>9CT. -L:L/IL-K%8C*9I4*\>&0=$;FFR1+"8=*A=2*

I11W"851.'+\0R6RV)+$)L24E3^V@-$T[#WY MZ;XQ.I1(GL[I7LED$^7D4RH!?Q<.S$0KPRK5KAI!C]NHIB7T4UGNB+TF1\U4H!BJW,9\G%$]L,E2'-MA0>2?/;STPW,)WS:&

[B;$SXMT%H4JAX-MC2%\[>&ZFH$X AE/Q2SZX3>\]$;(5M0123&"],V9_FZW0[3>9))YG#4:XOY2-MH\]YKHX,P[R[_14R/_UC\";E5BH)LMW$0AA-OI0=%=_"L64'#;NXJQT,M7-H

MXBN$BZ 0V5K9]U-'R@,R.SHY3%$(S(K/H[F-Y8G8COSD4]"F)+V6(T+3K)>,G MMW2!L4RAFVOGY(S_ML4OZ)Y//!MWS;PNZY0\W?,Y!(.8)'=MDNK]\HF?02"

*M(69SV[CDR0@5*6KP96#F2#4!VT#/9@>TYUEN Y*.;6I)3AD^0:*[$VKX;5\Q38H Y[81XCLCROU9=M<**>PH!'LVEC]KLK]+^ #^K5Q+U,PD\IOU56>R6..Z)N*0GZRWA*

*MI"%EJIB.=9L6D\UG'6RN>VMY35+!V V>*1E]I\OJ/SD_7WV+'|Z+/_PY5GB_ M^:*?__/;=S_\T4RP"'*4FXV)=???UO69*<"Y1IDA"L.W1.V@&'IR(+!$@V%3\ MPW>OA5N/VE)X?*

*K_U&H0Y_'/\.B=>N.YOLU2#"'*2UBCI%,4]K> MCTR5.,;?$S;NR)5Z>ZQ*3X8ZD;/("1FJY7TX8F(Y#UT!R M3GHONYRJ FK4+IOU!1LM7/F2#67@;;;/&H1U3O>*

PCS>,"DDQIB6((RK!,O4 M?R$[C*\S|]8W? _[3]Y=?A2REJF2B]4__1UN=/&$G)5W5K+,!>W=,U=]0 ^0F(-M?" /VU-IITU(I'1<#TTWTMC#++ED3G)B>H[CLHU{LEV.F[_LGO/=->CL3]*

*M%/Y9"C'"*DM %*\N-"UG^6=LFAYV,?!)]9IW_;/4%2\OQ@[H?@VDC*+=QF8B_F M]\@RN%][(%,")83HLC]0LVBG6LSKTMG4%,GZO9+^R'|&|"LB-.0HOEU(5B"HH[H M*

*F,EWX;K0'70^1!8 (+;Y*1CSLA?WF<&H2A04=']PL0KW6%O3OV-G4"(C/CH6 M6'=E!^*\HK\I"MO,XN\%^>0^0+ *Y50C'N'8<.NZW]>]_AF"]7W^E=73ZY0 *.MD?#^WH*

\@GK2)ZOX)'GUW2#X=]^#3%$)W5+17[H$T2I^,M?7H032X3 T?#W M;?XL,IKV@Q7_OWWW?;$]HUX;M/I P6<2=,"217^#"]$DUG'67ZJ[>?4.4A$&A6

*M=B_B4&WD/PD'O5J]!G'N"=M<-Y.'Y'KWCKL8#HA5CRP&,AAM[YY^"D=J-\,1 M%7,X,78>./G[-V\ZU3"2F<-, WG*UU<],YG,R1*.5!%G;1>SB/(V"Z@@FC9*

MP46G+BH:ZGX34<4(+H^"CO;,TZ>@%D>%56RCPXHLS4]F@C'WGC7_Y{)BC;0Z'X" G8 O;P[W%&@DXC M,HTO4[HYN(AP(<0D.O2&U1MAZUB4,'H/.Q"%8RVMCEE

(H>&+A#\L ?O/KZ M7Z_^91H)YK.1GCTOB0XE5C1A8RA4MAS8&GE$,]%Q 5G ^4 PN_^VF;Y"J?/W2 M>_ WPY+Z#M&SGG#@<\"8X[!"Y1>R+O)O#> 6&_DR8U]-[VS&5]MK#*

[^"WW[_M^%]!8[VY0I2KN)S/ MR"U$?>(0BV+EGILAPL*UFV%)8FD@\]RXB`?SI^AE\.D?"P$\//1.= M\2'MSXGPE4R423(9/%#P2F$A<.>>BT%_8CA7\.3=S=DS8&V/_RTF?WI4>13FV*

M/S$9"RFC$[:>T/.TPW/2Y1&UWKVP']I.:?TAT+@EZ.1= IRV8,3QQVBPS($=D MJ2/$0UL M^&1HLP2%OZCY:MD2*IA*=)MU8W2#3UE+P/MWC&!'?F;H,7:=+9 M&R\=B3#!1:$D

F&.RK+IZ&]C+.|(A7MQNJ?Q"D+,2U(2\+ L +T4_6/%H M#:C:+=^&6\G8K\Q&&R^ ^YF$>;A\K0!NFG%M,F9+:.BTNU>R%?@,,=:XZ>OVBK?;3%']^K9G'N%9VZX)%3*^]^:.OP1M*

I.Y!@5)_5X[AKC MS4331'D<*8G:U%@HNEG.GMA:.U*42X8(+>64B7=YE2D!TZ0S&8MHCOV!)5 M@H=7MDZO>?5#*'3M,SR0)C)I7I6-?Y]3 MXLJ+<,4O\G7!N0"G1]VI;+%AA(TC!*

*(^G"A>%%T0$HQMH[DP9B*S(B:)]/'P,@'.&4 "P?)TK5P:D0IS/&N?44WIT* MR*L 5M)V(O #5DC9 MT7U@$2#O348+I P6TLN>X!IH3;4N-UX2PR>IMV6QLL:F<%M13=T@#^>6-4\9*

MV6M+8G^GZEG9\'G012VUG@1'PH@3+YN M#_,WFM4KK1P[@UV'W$,ZK(4K!$<I5'C)2#OD0+9'(:/|< LJT(<G9>5]VM=_M G%3RZ"CKS;YUI

"Y,2=WM@AYV//K">1%'&61!Z74)%W0D^^APK M]F]3@-O(IHD1P.7[@:IH)WTK?GO\'^3AJYC(WJ"1#J.O6]S((#$PT\,)W1H=A!B4S0'&UYGV->51T7.<>E[EJ+B;#*$Q

*M6X"FVMOH.J*X9E MWJ7%;*QJ]+Q@.PRD,Z1]D_9I9*26 A)" (\93YQ-(;]B'Y=D3[\6XY%0:1T# MOY \W*BUD^8!0521[^H.7NKM>-RD4-F,ON8C+A=J2*P1EFIAN3,6AB-S-LD*

M7+&=]+42&HT1XPHRH:KL62I3G>LB]% WXCTA46N\+3FQGVUQ\024/16<%[_M:%W%LH@%IK,3E>HWT#<_O0VO/&W&^TU5:C?AK9'H!)+^R8BFXQ7C5#N3&++]) MR H'*3.*

{3)"75M(9X2M6+<.#=_X0";G/A-G(G)'=ABX)YP&VF+QN3HI3HWP M48Z_&Q)YQ-?FK)C+$U_BE,"H&5!:L!1"2?V3/H0'XY(SLNJV@/2LE%6=#:]N

M2;U$O,3L^)1R&Z*)%@\Z)4EUM|5Q.SCD9\#W0#ZE.989QS(UA1/JLT;.Y0*\ M\5+FFH*RG?+=APMM^K16Y_OD?(\11NCD%=@N<^XB;U 10Z(?^3DQ[H 'FD?QK,5$5]7;,-4%,I

MT!_7#?)=T<]C68Q0BD.#2@K 07N.*J(W7DZCELBMM1G)G&2*TDF6HC,5/.^Q$#% M[O^RT)ZH?U;%ED%(RIF4$50ZCV%U,&X$ECLK2E.-L:AUU"E7#NRS*&;F?_; M+6Y*G2=?G*

*J;P9OK!Y%%$W]]#.(#F24%$H0&%?XWB8/^V'=A+T]Y+)8 M(@ADD4($KS[ZHU77^;_BT$B>'OEOX9O1AV,LB#92)H[0C$]6B3.Y$"L)>EC#."LZ7*UB_]8%@+1Y*

*M6'8O*7ET2+(@4)'IH\IDQGR1'"'\+)WT(FDN3<46N]B(;T %LV'\Q:,X'*MF MKP6@JL&S3I@5]3[8&,4OK]C614E7%+PS?OTD4$O4350=2]Z-O8NR!E"S9NU5 M!+@RU*

*/[",DR9BJQ%+SCB)YGA "3#$T6;2>,Q=Y@XX)$YCBS"J]6WSW&_0C? M7'A.-EUI_$8N!?I8 Q[6\+:.UR&5%77_ EPGJQ*I2%,E2B\B]R))UH=A*7 -:#P48>!9@MAA-*

*)7+Q$M4.J1?/Y',CL7]H#-B"UID^.$@*AN%$PD8!P M^%*OB-T0!1.'C$!$"?QT3>H9Q$R?EW#W"E89M/]>C54UIJS]I^R*IKQ! M*;P;6*,,CHIR@)4OML7!!-@;U%^ JNJ_8L\\F&!-*

I^H4/0EC:'!,9L%+NJ81 M:J[9I?IH(!R/KF<837#&OH!!FM9N.TP'#UVEE%H"&=+:,+([X3 BD\U!@I<&\ ME2_6=@+AZ1Y9J[?B:Z;%'1ZNH%KMA>&RY^:#92QFX[KDQR/P

*="F^=03Y0=M M")=K//MF?]H^Y0?]#&_&T,(3MEB()T,%]"#(0AM+?O M*5%G4:=V"#ZT![JJX#:@RLJ0_#!/S/)A"'AJ %=9"-RT6LK5SUBN5G5*@O$> M9"S88 M6]$AA,,$:IV)*

*=4%"F;%_^:M!]US82/&:,^FY^+VB8H@F $S*8"U$I.K8Y)^ M^RH507AX5QE"Q&@%_G6-E&^;+@AI_!@IF^YB-*CI3T]PQR..RN!*%M?D36Y MD>M$.$)#K:Z/TW-&C.&2@P17[*

O#?OD)H09F+':'1?,1K)OX'S7\$C"#.Y/ MF!!JG#0T@HKEW)13&O&+R)ORC$^3KR G1!BZ>1-OY1-!33EQ1R\A\.O3Z M.$WIE;/(KHFKL>>>HUH%*"$GOM PE*^HGTE!"*

*<>12#L(BD7#AB +18C-A!SG2B3|>V MP= J,^P4'QX+'*I20X/%(%8M;402K!N:@62H,3]'@, 0OQH8N&PR]>WW;CH^B MK/_OQWX-BSSN(H|IR58BA&K&N;Y:!)*

*<7BWJH1=$HK'#R@6K+]BD.[#$;)UGL M;+&S!!L9 ^,QA4Y-Y|K5$G- &8--[:=TZ\PE^:D7+YGBEDUU%=+H:Z M&.J##*16UYD%0)U.?#-9.3/Z_F~=B7@\TKRH?*

ZLV!4K^(=V=BHJKR%G9UR;H^ MAS3MQ[F<+ Z[RJ,)KV@#_!6V.?(C?,=\ '$A[+Z),SQOEU7KO+E2VHL'(= M3L&4P(<OF6<9PG&5/[-&';.1A/O200F\09PEF%_",]+QR$[U>>,DHJ

M+-JE]4X0<-!,=H>!1.N6.,CL2ZBI3?@M@]%HSA3]LSEEUQ%N-2&NTT.9NIK MXZ,OZ$84^W%Q;B290\:-C$P5$(#+B)H-A0)J 0)KT0 M)6VMN<]$ W233,JR&DXH2,I0D*)O!3?*

*.*XY6)H _P+&K*05/^:=]8)AI?;: MYC29ZY'XA,A)BA/1O6AA$6KT4U3RU>HMMT,/F/&B]O%<6!F":7;%#4@U$+Y M,=V:!JFL:.+:*CNJUXT$!^1OQ+,9ZL8B\W<5S>5<3WD_%5?*

&ZG^'7/EM$:M9 MZ=1VF'QJ%7,>3X65HHYG5JQ\VVPWZL<@YW^L,_|<3 CCLBV"'P7>6W<&/H.6B M4'H#7,E9%A?W=DZ'063.XG@\G]>L'D+IC< MYVQ0WQ%8L@?D

(VQ).RGBX2C#E/R\E^W](#M/R)KZ-@Q?RFH P;?/>G1\/#8N8R(]"TFALE[Z3]P21XWPAK^.#!DV.QIXN/!TA<54.[>F# MV8G6+S.O90(%8WV#&";=Z'S4MB0FE@-:>B-#=B](@UP[ZP'

M#'K@ND"6#C1Q>IEO6OSD%D.!,07-AW?!^VQ,$@)8+Z'GJ4Y099T#=>)NP0/R MC+8HCVN0JEG"XJHCZK@\38$VS4&RE@NT,9N\(&(!$K]E#W6%57:U2(4F,+@KU&HM!OOR&*

]DSE2<(?_10I9=,IO@!\3N2/ MN/BW56R2KA7%;_O+^W5_?]ME>&O!Z,)3^<^2H+CO-]3!!N16',%VQ!=S-JX/ MB?#/Z^(8TH6F0_791ON(B[!0&A6@=DN!"I6C_=G2BOR;*

*P&4UNJ"3SOP.Y*MZO0'?!]M=\5+B\$F+6"78B=8^A%EPRHY(RV9&\L>Z M2F=FUUD7O,,*OT^N"]^/?'G3MZ M:?RH6ZW*8$^*:E-R/3PXRS_*YBQS-*

*[^^250!S<2!4&#)NTSN8CVJ1>FHK'|I MGSJ,!S&.^_TQO!MFNL6"/2.NWQ=N\-5H&9EJE"<#YE)HHCY+\EFAC!RAE?*6 M2& X1Z; B)P]#[@XS^W@;'^=5D)Q11H4"I<4^^1-*

&U:6EF+:0OWJ_P8WQ8!" MZGT5YVM1P'J9$763,07,N/H<5)=XP4-1L)0=.7.7GA M(6[&#)"I[",-&ROE98*\XX(6 ?A0KVJHMEL7*?';, PC40? M-H6W#-LX?)?9SG %>7H[#9F&?*

*DDT6/:R=WQ:"@C7ZA1%OZ6DE"US&#[\$_Q5!P_]UFY"L5.1 M(3)<2N$3FTI-*2RCNKBIS5M,$A?\!*O*_92]3N[=5N.]:U-MZ<1)Y$NALL,N*W>&XXW%Y%$T 9FIZ\=^(XH-*

*NT^A#]_5YJ?**XX\253)ETN M F6NMW?Y,/"WA-"GOJY\@9;LH3^Q58F6SNG4W?*SU++<0'1K-^2/HCK(O+@ M@'M#\OJHF^@/L#Z/?*H;4I"R5PE/VDG9"!=T!'N^)Y\VP7Z,.1?*

*.:?]!TD\ MR:08F4S$DX+3 5E'O>=]8AI?;: MYC29ZY'XA,A)BA/1O6AA$6KT4U3RU>HMMT,/F/&B]O%<6!F".

M8?1:DDDY%C2EF9PO7A.U(`$DS!.T@8F^)G9\TZ_.=W<|;ZZ,6IJ00?K4_^--V M0BT_B%74>^Y=W=U.MBTO>(6;0R/#^\J-*
*8S5!SYPCXQ7^V#"XK__U5;J#"N8D20.@<>KS&AWYP7$Z:#1!9? MI6A4EAL7(#FYMB9#U22897[;1NS(FIJS#?X(3"NTQ>H*WFDU*0T[H>H*@XAZ#*
*M8>_RZZ;-3R+3@\5')A"9.P@8,PV9;/0)L%ACC:>IR 7;^D>YI @*L)K:0l$f MOPO!RHOP/A#6>_'4C$CE[5/I!2:I!'0\ ;SKJ OY:.$822CI5)%S&&"7'I.4; M)LVI)*
*OOSEAJPZ7GJ=G\E4:@09\Z6+1B8NI^JIFJ7L#3%=O1:Q$O&ZE+ M5[*8W*N'.V&A &.9J5 4U=FZ@22BA@PX(&(3CN3);-9+. .*4"3N*.?)D[*
*M&%W:L)R:SQ(,+VO\28+8.*A41,JP[9,L=0D2|ZU@;V6 (JK T=A(-YEHUVD8 MGAW+R/P0@1Y@&4)(6@5K#T>(T[USTF29 ;2NB6N+9D,T+MCTN@A,ML_QY*=7 M*'P!1&455G==.*
B5X#P=GK114Y"5MH/#^Z(QUX>!\2}OM8L]QD>;%'@;Z^#[MMKGI#T) AV ST]PMTSW.953A"P7E9S;E+>/464P=+3YSH^UN^W%;$^NA#7FX MK^LSGI3&[8T%]O?
ZRF7:XM[+X6W2'Z%%R;_^GN9Q+\0)68^~)_4V$7_^#W&_ M!"ZN@N\[#0I:C\\PVZ#3DP:4A@3S7N=U(N3KH+/A!!.WNNORB.GM-I921= M\;PZ/19I%SCJ?=-C;LG4*
*SU;F.G(IET\F,C(T^7KT<8<&9D8VPT>6, H/%-) MIBUO9/VA\)VZ&;%P@3SG_>CVLU@#FKL&U?>Z? ,T>8'(3O*Q0]5?+2F>%<.A M*24TY-<;4$65D+8IJ"\(?*
JDY8/82WW0SLW)3IPYU$E?.D/4AQE&WB8/-D$C M50'G0H=Z\68C'2+) LR&&;D>Q$AB00,G3X1]#PE#?K8V_P"K?YD MH-5_6J#5"[3ZN:PM*CE+PI200VD15HNC;DN[Q;-B;/_(*
TB/#'^R^T3-\X&Q MK[@ N+N =I<6[C|("Y= >'ZF[!D.NG>^5S"HK%[4G)-U]4"?5G,\@F@+RKW MZ[COID@6S1>33'0UG)"A^C(:DMC@K!?37$SS4:A#+ID9[O!L/1N&(?[&F1NJ
*MO<0E) [1:PIV<6^D>8O44J\Y*F2759*"+@;Z&.B##93)K[%/1R91N$CM_%Y MGVS5CJB4@>,Z&H"E[D0_F4@E%L<##//ALD;'BR%0 ,]B;5\NP2U:,|&MWQDP M2KB8*=[*
*C7TQ|CFV'-!6;K0C?'DJETG^*Z[Q$NKB1;V!BW& QD"QF]+'*L4P2G<4B%XM\5,F'Q*NBPJFU-MAFR6@20DJ(@#HXENP6UVNECC8HV/#1REB*BP'@+Q(-41ETDAY6)?BWTI\V+YL*
MSR3TWH98D1G S-#3"CS/&M\M$\2+C3V:GZ NE6=29;&,!(AJHY4IP@?-D>:'N]XJ<^&E;(M4 M1<=:9:(UX$EZ..Z, ,$$'WT3-'%&P4[#P;5 OPA0#&^$Y!.Y(PG6&KB=OS=K)AK*
*M."^9R6*H3U$9) GPAY0&%\-,#. 1*?$"ATTGV5C0CE-VPZG?07.4%ZO-RPTN_KEZK^O5O\!1MJPDX>_KEY^ M]?57/+4M0{9V'4\##Y&Z0S@A"?*
*CPB_JOGUC(KW4O19C/MQQLW)&LRK.S0M-MV(4FTIO(6ZF>XR&);7YC?+8&WFD=#&^B+L.ZT)U]0>RGJF$'26[-&E=$PL& M ^Y43L^FKG(07%VE*L-CABH_.ZO8Y@F,F?)Q%W9-*
<5J-6Q(.5@4HVV"A]^TA$S#?I?W-*^:M;$-6,4>E>KU4\XIB_O7\ - MD) JH1<@IWI6:=5+##K\\';-(. &DEME\A%'3"^$>UH")_^)5CS8?7Z".7; M7,AGB6!D-(:C_#F4.B0-
*!EMG/5>5=T+X$M\V ZD_.H2D1BD"U-ON=T-> DI>ZQF ORD"ZE'@P/|@6SS6*2067[.M.))7E=B-LVF@W9.8|5?E+ !\V4;> (*;<%9^ M!*
*4MQ^GAB?)NS^4E6'FP\:Y/GH58*NAOPK<*X5T^:\""MEJ3T> &!H3LQURI[UXM7K?\$P. RNY 0J :STEXK^A:<8J$#^:C%\&7"?U/ M9D+_7Y8)_65"_]EBRD0=TO"=ZC*
LCFLR>C"!!T?R[WA#UW?@MW$ ^$1G>TMC MQ=F;0\/!P\Z\1G)TZ=!?AR?R;OG21=WH,Y7\BB=HF'VS?(8 MS $;AT2?FR)<:IHGI7Q0U!M>9X\LP!Q7TDQ5?^G&%YW_-.*
,PY(,3&B4:%U0 M.%>PZNI[YHH+1,_M%'N$E@>Z"'#'NR5:W(L M7#.ISA\1HOS4%OTN MDKF.,AT=2WL?[*CRYOY40-'\ L,'D@*(@N3XS/5110Y0RXKK-G^2^D!$)Q
*M"#GYL8V$I*L\0D(#T0IMFEHB"RZIOX.96HMX=+[IL44M'I";,(JIR4;\2;<# MB,BV'+\U9?'5NTMWIM#=7QO*-"*%-L_VW8[KDR1(/&DHG M^4V(*=E]4VI,)1;IE-*
"RYH(CMNMD!1YRL$;%|&\[*F$,^$I(^A(ZZVVQ@V*' M/K!+/L-P+?(EE_V'QNL=\|6.= -8VB "XGF:MS%&1F&MSE59$P|,"0|THUZ-T M&T(=,
IGE^T:YQ.S+NL%$[7TJC]97E59_VV0SF@9W$W9^B#@!^C V.T"7^,.F M:J3\#$VBVN C"./L1P%!DV!P (6:WRP-6+7VK9A!ZIX%++ES82@>4I/\I^ M%CM;*
],P17]^4N@#KRO$73NI5"P/L>"VV)>BWD|@@@#6[8\L'$BR8!3B4GU& MLA\|f7+Q$WDO&^!B<8O%/0+:WM$\F'@TKK3#,)@H09F<2<]M>4Q)X$,#O,6*
MRULL[Q%DUS$#/S9U0?K45$-@W:O@TZC 8)!Y/SRA0=M,,?'16X7A6!FIN06 M$UM,[+'P773[PNVAAFA9*;FQ*E_CQ>V|O)MIVJCZ5!P 7FQPL<$'VV#QVR"*
*MY<=V5VRQQ@D<'B9N55479A?^<[/,Y"PV]Y@.!J6P9G% A_)^,0MMQ:MMN$S)S4)[AQ(Z*A!0O@Q^E=-,B]&Y M?U(Q=RKJ#6Q,BS-#<=VZBUH#;E%<5/UU*
*K'#+!RAW)=*MYN!H-AW5^(NS+L M(EOE54@!5H3XJ/Q"0DY, ^'AV)?&2IU[UTC6'AL!+YZ+/DHJNAF?KM@P3O*Y MQY.Z+ ^I1EQ 5!*$JGSF@J9\B&>B<:,;!'9@RCVO!A*
*'1\+4I@TG7E*XL\<@OR9B4TA C**,C#IN:++M&#N0 |K5LU_GAQ\N&2!; MGGC@,S'&Q\|H"-R"5#5CIY[!F_)$DAM6T&;&2K|K%3.W^ M?_;>K@>UNR9VRGS3R9;S/MJ6P/:.*
(\P:28#'K!]YC_F ,S M)+BJ$!]R;1'C;YM2EK(M98TX;- Y-X$[S7WD+\ =/1+I-/Y:83G)M/Z%@!J MIM=L5K^"1^@Y\PA]3*MT?U3<;RQ6Q%CQ/U3:G/Z]#A& %^1-29=4WS:C"%9DNNO(*
*>'!E#KD,#EL%'$)D!,E)X/"'=4)GP/IH(>]&(^Z>T<4VNF=3JGI9\\7"%B=7(V)0D]_F*QRF6;ZX.9YOKS,LVU3'-]0*Y"R\3,JR:Q4SAD M2#%[*1M2 "FG1M@<';=*LR2>9@!H#B>-*
N%6=\Q@G3=4N'$K'-Z-^7.#H|;Z M=OY:9/%"$6.-,'+=!QS.2!GQ3N;OQN7=?B;]N^BOV3&[&IB6"EDO+!99!/Y M+!,89RH14IB^8WYW!]3U;'FP'/Z G)/%F(<<<4EMA3O:@C+6?9<*
+!9!?P M4*)I'X*C9NVB)Y5R-EA4EMXF\N].QMUE/M 1MRCA@):D)GZ"APN:5,=3:CDN M2INNTH2OAL\P;>R4<\E\B[N"*#;I,-A4,-M.V"86%!>*TU*<=F:LN"-?EDZ_ MODUG]EK9Y$?*
*]]H1Z,S12)U(@%A51#,_K C+N@7QOSF(\K8(>[UOL5^B M)=(F=I4/]4KI#<2+WOM:Q3C9F;PEFK^L*QWF|N]^VPET&VX(OW>[!\&#+I+Z1U"2I*7M#AKWPV*
M(,K2,^2R,GZQG>"R(M\3E;;G-/|W}$#WYRMR:F;*893)^%)_NO4?6QKF4 M=76\I#<&SP6A^#OE@8/@M$#-@\KX+JZ"M_UL;Y2]2@-!EEXW>:=,_C'$>>6%;@C-A?>)=6<B5\JZ|(
M$4!WB<:@XS+ '}+-M%CK8JVO9:V)@7;$P4H&)F-79=<13=A!8;O>59]N/6_H M@&+.#.VV4J[#));AT&};$&BBB$U)[,"0IV*^KV> ^}(B;RZF#W5MC.]W-I?AB*
*ML;S%\MX\PI\VNXQ5MJ3S?8.<>D9U8C'&Q1@_E'3S*N1."C19#',QS-#?O6)LP-,TNHR,Y,3%IYO+>,_^((\/!,' M676I0$N\N?I)T*&#9$">T:^N]E6I_EE+7C_\|!RL\4/"BFT|F6'8*J/DV\|L@*
M=\HPJ<:49,Q%\3-@SA3-#+XNVE41X$K]H69C%('A736D9)F3=2S[;|E_K[C_ MQL8;?;S4TH0>TSY8HU3-VM"%WT.O9;1CR4]H8_^Z:K;4/@ Z+3W>]U/5Z0GY)
];QY!"Y3F;Y4Q;]M1K!FE M@UQUM14\AT8X/|>9LLJ_C!D Z@9G:,,CGR4OF ;F[+]^;@'?]B,/_R5[*_K+@Z9E*N^W5?6!@B[>Z,3%$|O MPVEN8",)=5..R+"FP?O50*/IR!X$;/1*+*
6#^8@V7P^X=K#HV'?0I-$5)V#$ M+-SA(4^]O&\LPAEANA6C@&Q_A09TLECL"Q(F44+G^>~:R1M7LJHNLI1*C M'C'4%&U@:\EO>6C.,2#JE#27-5,0"&^:*
3.$++>D20=%8A_A!LK^R.YZ:MA MO:\W0NY)X"+,<+'YQ]OG,\(K0C,|/"\N*H (S>4D!FB2MQU8J&UY"MOA;$MH M$L)!91 ?CC_SGXOO@U^Q@-@0Y3E,XQS.[&,D./\MQ?VS-
*M2Q4MYQ;I*7T&DB MJ[9M-+DKPC_R]J2]L941$&*5+V0:2L3 M [("I])"Y[(1Y.(N1#?])1T&](^12 ,;766B/GTX2(%$BLI7?=[BENVI,"5"I M"L^/N[E5HWN88ICUY3#36!/F=)Q5_701S)*
(L9G28OTF^N>^_?>$"*:+OXYW M'N-^&2Y95@TSCICQ_R^\-D&#Z0%=FBQL^(4Z?Z_AOX1*>RR EMJU,V?@,E)' M.K/ 'I[F/2F/M/%O%O874<&<!5@9_2]68"-*
*Z@[_D!8;N6X9'W.SSRY3(\[@R/ M/&0J1$Y;B.))1 ,>,$HAC_QV"$9;R>HM71* >/2[K>]CT8VU /R-MSD/^B_#_*-$)C7SU6I*35AF;&07%6B:>T0.C2])"4IE[$N M4?A8N.&*) R[ZKK=2(;*
<5_4_PQ,)U@N4UXC(344BL4HBV"%(=-=713#-?O M:L+W(5FG..*H1 $XV/U(4_KB)^A!$CCWP1K#/UYEGN16SHMT7MDT&237/DT6.S8=NDJ\I#\;S6+>H5LT;4/Y2>?K+&*?*
D&\5$I4=/ M07_F D].=7,HGL1R3TJY9QNJSKD5B(S"W8/;3]BUYZ%71M'$45_I5"6@/$\W%T>X/[AS&OZ M +]
*SD51@8T1<)OZ1,&UY>7B9.9\0)ULPOOKU[OA3_&QW4:OJ2CEOLRG/E< M!@LG.X4\U8RSX>%$[='8&Q]?(6,'#U18#1_#H^.T//5"Q[7$(*_*(9FG2GB M8B-F9\;?*
*MJ)=)Q0/[E.%A'Q2D1SOQ[&,]!"??;!$3!7%MJ)3.BKYDQH7BJR) M2\\XY/A1L9FU_#V^-8I$/MB4*G;19VR9.N16>,,A5690+X]ZN*|&_\]MDB64> MC#'&5[.M.NNJ(4B.P-*
*@"A@0_/%^KZ4YRA/.!L6ZH>?FQ)OE-6!,TC%H^3EC M?:&$'LHGSQ.R3J@V5VR>+=4O<5$S^M@?,*7Y!?Z=80?R.=]HTBJQJ.2U.FO(B M<[4Z\Z>W!$9R5R9..7:..=YYNV&+L6_02\?*
CC?,51<'"0|"7KA=ZOOKW!8RN?INCF)+EGF%AX/\+'X;R/ORPXZ M-\T=AZZGW^TMY^TH2+YEK#QE0$OJHR.I1$=(SM#[^*:#8Y2ZYM#-]5W &L47X#Q[Z'!=*
*NVF%_]0-OW71#;]SWW/[J@1[:OU5 MR%A".DQH/^Z=[*I2)MZ/&G]<4N)'B6L3=I;4T=8G;S7QHGGUC/J9TQ6TT;JG M0.%]RV@L0E=!2R['2[%Y+3'26WBF7TFN?CBLJ[VK7=7SAW?*
*DI_UR]N@"MHL M;TE!1TUY-+DLPO%@8+6O.]WOY89UYJTHB)S#%YS=1"N%W-!$S7R11!G(S.\. MW*TP%&Y50R+L%-6\]W)+FO4 ;=+T0O-#CW#19*E.ZIS#YV[:[6Z6.[?)G/B MO*
7TIW;NNQ /[^]+"VFB6N82"5ZJUQWQM7"5OS;YZ M8C]#5+6O&8,6, 0VB6, D6\\9]I0M+==Q@#P41+?(0NXDD/(AI!U[\3*
*MN'-3S)Q7]XNJH1/'$0IY(P_XB4P%L=+:.%&'Z_Q,R)2P_I9*4(?? MK+C.YDM1<=5V0\%UN=SI?;;/0<4)U@#553=Q184[M-3S%<"66ZY;$I!O0@M?>7)+A**
*(P;S8/FNMWC1(H252S'AQ"%CL"7Y*9P1.@S ME_RT6AW X>AR$-R")_E@\"1?+7B2!4_R8*VOB8)WC'=CW'PC*
M82(X,%OU\X7N%C7'P&4]V$K@HKCN+LH.%/O5O(\QO'O'O.HC/E'7D>47 M=R\N=;,;@[UPY(1\WUQ+=DKM(Y1Q_>/I<:P1Y U#8R>GX=9%:9LH}5;W$_KC# M*KO5;,-*
F002|\C^IR#GZ?-TS+7!VXGE[?<["\LYI8ZOPSH?2IFK#;U\[]]VT M\(PDWFK-M^T ^C=5+)W4!;B+N=<[D]'3/S0U.7GO6H(=16=OO=:-2B\BYXT M:N0EQZ?*
4HIE.S=S(AT_XZ';2M$\1(U'A8NYZ5\52&^]K//TEV?:&6TH;"8Q MUIROY(;-^(%X@A#\C&2+&]# 6JE<1)DCQ0DW#0=0)'>E0/=IV^!(N[_< B(II+;K]$&P5@>TR_2,I^O M?*
B9\2_CG?4B?"XU+]%,17EPMA?951<(Z;?\>DTD/,2EKWR5]BK^LE&C_9&Y6<_M6NO^DZY1%U=Y&4&6E< 1.C%Q!I_8=LO)9.MHN%-O6C#Y&
(+8$_HLNI85CAL,X;EC+R0R+W@QNK M1Y'6VSSB9IIC_)?I7Y1[$E/'H:RU 1+9:H-#2"HJM"O@;;%^.,L0]C:,,^BIW M$+R7^+.U|RTG_6.L-96(X@<{17]R"Z*6;+-(@W:$\G"KUR'^N?*
*E7B%!V'38IQ6J9CNY0Y)LS/ M5*M3,_ 6134DOAL.QXCK=1[M+C)2DT!V#!YM*^8#%-H^WU\<3\)/<=5S<%K5 M^TUBFR$KH4V^'ZD@1N>'"U(KEYE->G.$$D##*
<#PVQE8JI2>=$W/@\MRPDOHA-MOCQ^IUT(5\H1=#&%SG.\FC6+125)L&2]KR-JG9SRGR^ZZ_,F.MD="<" MS6T[?*
&$]NK&2;_K\LGVOVZ,++86F,D!2Q'IJ^+>JO>0HU!^Fl.N]>H6F6Z M%,*K >;C4!C*L>5VSS,3Y?92(%S@1XU(NC+,\%>D;,:Y(8%-RLE78H7(E1V MWO,'FZ6T8UMX,*;2H$H/-
*+]H0ZYS$X=8IO-6;R_; UQAG(Z6ZC2"-JW;!GUS6 M5_(-22-BU;@2#'),C>_:;85H-'*X10OLO:ZD5,FSU?#P&[2=8O^6L9>N9(D M2%,I-*
*T4H',UF7NO)_10\$M]U5'07#O({UR>UWW8M59"C'TTR!6\X,EXC_(9(*G5;9:^N.1VT0AL"UC+R48"1^7<6O2S1'#,FQ=SP/_]CC /_'? M,OHW_FKL&03;Q)TI,=F 1D.*
(TFM)7M$!JOJC#3A)O"%'D!%^@ZQ#' 0&HX++! M-C A?Z%[,]KA4'-;CJ%6G<$FOTI60UA7W@H-Q7U0&TW"]/.8A?99V4]BF M>RQDIQ LIUVF857()?NYW-%U6-?[7?Z_=^K-
FRS+5&/S6CN\@IY;&N^EU>`MJ'0Y?^8UU;# 1U.T78/+.-1';4G>ZP5PU0NF.G'95#@)7+=<7G71;_WM0\CS3 MJ9YE8Z%H2. /6G%UM9JK9@?E8$084O)#+W5H: (^X@N$]S?
S2GU[]>D0O-U M.?D1#H$RIY&##DJ1#]{43B9WL=AVV;`^K,,;=)&)!U%2OY5,@\!-,[\E:R'=R7 MNRKN" %[<;N^)N>]-$]3#O4&U-Q' 8PX$N\EO'P[G1N7^DP ME!$@R!-
#R\L<^HH>]CI-C-7_UZB5H(PO6N,@X1$JV>,0!U0/=< M,(."L-.H6L>3.5!#M*1*@5B(/V(=BY$!M)".VDS*RRK6RO$?KBOIK*RTYT M$<@QNK#Y]7 -' 6AM95!:= 8M?KW[HH6X,4'*
[SX>@>+,"+#ZBQ^IN7IM3V MG1/&IM9.&5XT17Y1Z,Z=CJ,TTFA$[S=_GC!C)),P#AR!=LF-73P5:F6D._; M++9YK<'/S:?CI.@;S=!YW#[BZ#L,'H;I4=E+|_W!^"-
*GIX_G^'I(,T>44.W*R M(+O@K;#B%.7B)+4H4;.WAO9HCPH8NL4&)|;-^.Z)\I[$_=46#=@+]D9_214GNSGQMS(G>>[3X,7B& MIZD)?25X MODD&=L^]CK){?Y^I9IGH)CR@?*
*&**P)WX8M8TIOE(IY&;7:-0U44I.Y*F2759*"+@;Z&.B##93)K[%/1R91N$CM_%Y MGVS5CJB4@>,Z&H"E[D0_F4@E%L<##//ALD;'BR%0 ,]B;5\NP2U:,|&MWQDP M2KB8*=[*
MAZX&L;1&C!GJ7MJBFY^79%5(P-4S)L.D*&KA]"-`NH=MBHFJH@G+,FJ^ M1F(;21+\$8#.,QZ]4;X],;@*)X,T% (VZ>%A.P#7.KX.3VG$HJ]TG@$NWG*I*
*M9A'97LS|K80S(1V@$"6$V(EN5)6"-*_K=B^PF=M#'M5/=G5=,^,DC7#) |K, M+]N08'XQ\,7 WT;(L;Z,-U6E4V'>_LGPAC0,S\&(#HL5;>-X4*+(>PFOT"^T M8\!)RPCQ*VH5)P.P&?V!*
*(R3R MB>RR*R^Y9=|<:|8EMM:!]F-S)Q*HI23IO8WJU\PWV%761$2Q1BZ1?,G@%4)TSE MG6=/N.A%5QYZXAAA!90,)2W"'44N6>B?5KK*0C0@T#0G$VV;C4;FBV E.E*
*M@9R.T*4[G7%6#CQ"8A/'H*!$D],L[FUZE&!,1QD^K(1XO1;@_G*H++OWK6Q? M"N]&TY^28-,(;M0X4,/>L9!4\AVB<,6QEFTM^N@Z;&Y0_8QV>Z'CIY%($C#I*
*M*F+F%LK&.BB@,H+5Y.QJ9V1S*)0DFZZ/7L(GF25G>O_9RX&5>FD/ M+K,^5GLO$$I1PFLP?H&CGDU;F$'J.C, <5+ ^ZWO+ N>.%R5HG$5K"\(?XE8N6 M C7D.@QVAFS ?*
*2QW&3=ZK^-&?_YL&3?ZUQ@W6KS]XNWOGX7?XI6-:(*R7L:'M^+H;A2KERXF2M!!]JP/F0+UF^C@Y*]8A)S;>CB5N62SY+5BRC"P99VX9)9(|*
*M:2F&Y,M(,2D]E:CL"K*IYM)Q=;BZ+$$^]6SUIZOV^A%A%*VL6)0SDC3&_)"K],(1U'8ICM' M6QVF9+8IAP@T@0XC#Z^%/UJ"<:PVETUXKHL3&OE$%U5$^;=BI,)I;\XNVQNN*
*M3TVB9SV#=S^#!%K351@]_ZR[8YG3"=M*ID0>MO6GQ'Q#)1W2 M0U_U5?BXXSK7B8Q?(>/4ITP[T%%P1Q208DJC,=1>TL!NKH$6DU:V0Q#&;^RA$H4VR;(UE M:*
[S)UO"4BMI_"@']KYF.LV%CQ85,==5UL(2C1G:6B(G.F.Z'P,GA% +[<*O M)8/QUOGF(AA1DY@.I"#Z4|=UOOKK1(VB)YJ5\+UUW6:ZVT#IIW\%5OVF5]Y-*
M]D>B(&$*JN!VCXJVGFO%!99CK>[#XG8%8^*#I2=:_`J-0 MJ98)*G^6+X 4T)<$WK7A3>L'+1$PT#D;\E4QK'"%,.8)>ZS+-0E,%59HT,_S M%?05)H-NE9$##$LONI?0UG,R#.$>M
,2^W'.VJZU>#I=BIS=R2A>=_Q(H3U"Y M/BYC"#W5EE"/=0|:I#KQ4WO<$5=+1D. 7!'WU;5F&"1'BC/W$/Z10%JO?W4I
MLH6K1P"S:&Z&-7XS)Z8S\KYXR>,:6Q+7B$^0YWUJC02E<2;A75;YNE'RG8.#]#[J3WE$Q]ZL++ X82NG2$1IC |_"W43 G_2R_P6,),I;K[R>V'"+T?T8%LPEH MM7NP^5)CE^7-*
P)V.SA4]=4#R:4G<&Y!A>$GE\ [FKCP)/CIW;E==M%%'EV _CQ!TV-5D MIT<&96UK\NV4KQWE7TCLHN;SH:M"P+[AZR:VBN."Q2B $/9])KP.(2,2IL^^<2<G3d
MKQY!0I4DFV"0|}2:<:1/"ZSY@M_;YLIZMI:(?U.R(_9:$+&P0?GW*WHY1 MW%6#"7U&#.^"/?,<-'D>"9M# M6"K>=>%+?;,,-'E%&%%$8B/ T=,V?[TIQ%Q>Z&;-:H8SZY?
*1&/4NICK04=" M!E5^\EQT9(OQ^YY82PFO8A=0&I13LE7)Q$:4IO3\[,@6QJI3;F*E).Y\#)?, MV2?NM\AHWXW>78>';20,\8P%=-'Q.S+^B3-@\8 /LJ6?Y6)FWH>E\[*>86U2*
*MX:F03>+$F@K=2'8L9DI9'.!4S04I)DPP9T^.Q_M3W$>#X=Z*U?^&4=<]V(=@M3%$#O%TO+63 4"\M7\!9[P@C=Q#\8A/&C!6'\KX$P_C=Q\L#O^5U0'I/^ZVL6J> MN"*0&0>CEVI;/NSKJ-*
SLDB?38?:B/XG:L2H'3BO'5)SK9,HQ2]3[,"[JIV@.M7]-8T70) BP(&Q8E346ZT;X<5BF?/,2E9NPIT*^'UZE+)ANM*$1G4":^NX^&GA2.(*W\,[+UJ MNZ.JV7=#55AUC]^5I %)-*
*J(JL>YZWX1"", ^0O(3H(?"OX9^WG&W7U^6&U*89 M?'.BISK6P38[PM=@Q7==.6SY!M8$O8R/?5E5^^,E26U-+M8WM.,?U-?ONGS MQ[J5?W*,,(.'%^]"%D.$C>*
*(G(P:8!X5E&I52(:/4?8:B%THO?7):4MB-&"_M>772+&"'"0M^GXD)8M+\Y^F+ULMZ\7)<;XNXG%E,/5CHN;SH:M*R0/WM12S9\U"S%:]I\KTT#CY0G&U2T2 C;8E@{|-*
*VPZV:8WU8JR^&O|N&) M>/GQ8EJZ(+XEHJX7Q-#W^L#@ AL%[+G!8] MW"[,MTWT|{.J6T<9K:8]=R9:(!>N 4'_TL_$>[8!$)W9$=NM>|="*TP= MGP:SXANH!$4U<#X@U(;@Y<):'-?*
(!5^4|>P.H:S4*GUV#!D'|K1H0KC=?!> MU[SVX4RO.A-SYXYE(<>*<7C*)/7V5;5]P<+Y&|"?.E;3?YUS3?AJ__*
*M'D[IGH1[=#E,#)H"9>Y"'"\K9T;K>F]6C7]W#O<*N8DP3[.8LIA<%2#NNZRWU M*$<|4F'Q*W4EC%Z(GK,X**2B;/P5+M;]I*B?AD"RH:5 ^#B M6%_CVZ^N!fW4(A\DT?*
I1UE_$G5FR#33T7-9_C/$D73XV$0-H(s[\====3]E MZ.^#P:+\+>^U[H&IP7D;KF)=@1UVSSU>L:0E 7TX%? ,P"I3N)5/E'QPI@<4*PKB8[Y,ORH!?Y4WVU[8A;,3>VM$$Z$XT!UC1-
*&)%TNTX>31|<_ UZY M!8Z.-A4=KQ?QXGP_Z5UH,H;0/*ZT#WL0UI+D7&<-:>,H2.1H IJVI? M.YY11#XR#EY& MY.G46<\?79IJ92]$$4WAHL&IHV/K^*]9ZAQ44SMV&.B;=8 MC+F;*
(T_GNO28)G&X+LXBV|=9N=0=/%5S77>MY@;3 M#J 7M&I-4W<2E70"N=.H)?F9/#&GX+;NDN'6E%9:DFY,Z 73$X&SO&#;'>;: MNM/"WC8\DL7.#Q\W?>@GY2L%"'-*
/^0O2T5\B)N!'#]+B"_!#OX.E6CEG<7 MQ(XP_?.2;9PD5O\[L&;U!3F5<<4H)L+W] 7,DCK%**8L;L)@<|\5E?(H;N86*
*MY34K>"15KUR=H6;T_!#UY;]'2QC))'S<5Y.>OKV>ZMTT[VCBK3A$3>J"430 MHAM'G]DBG\&OOG/)3!+Y(0)4ED3AE?%9 ."5"9*7$@!8+I5_NK"-J*2054=O MJ?*
*S>FQV;CC2%XB098[+NV". ^[*AP0,03VP",P+')[^>_>G1H]4GD$,,/P^> M,+K#!&G\;9'^V8.9PR M:6W"24@Q_@2G-BK1S(U }"!A&UXP+XT6T-RVT]D6IT2OCL6]CS3+X9N-24[N*
MUF;X(=]!06;!VGPP6O\"]9FP=H\E+7]&H,ERHF]S9 /E:H,++ITOM2&#NP9, M=S7-TNC/5Q-1(UR^3=GL]ZNFHLN77;=5GW-0R1R.^(YYN6A%3;,D>9]\[^ MAY4"5)
*{.DMV6#K%Q@30M"R?C;[,D*5VX(C\M6LG4;P()?C7>(&RD%0RPGVFM9=L!V.5\,O0K03&,LD#D60VB%6I8BN[A.0?PITB9,E?67/@6@P+!F7X?SC2D%K M-WXHW!#?*
*77BSNQ;,^^-70/9";WN+,>6N6I]6OU=MN-:69{SRN+-J7HY/U&Q M[FI8QS=,C5]]V=$@0IQW=XL0?IJ2=4RU!C=')_Q%N,/+6HHSVF6)/*6.V5. M4R=[TCM"4G0\70FU.42MZ6[1H2&*
*I"UZ"QJAQTOPY?)ZJ+JV-;IB=^KJV@W MA/^6+X#'90O$0H>%|O7 =20"1O&29LTJ08+LZJZ7$;*7*D1WS<'>GHI\/[&*
*M!^SWD30D)Q:@,!6NR>O0B^9)S[$=.'Q_V<0;$?O%&OR=U"QC'K!O^3 MU2EO1]K*UR&GOM"]K;K=PK+#(X80%N58&VSA)$VG>R?&X7@B=!S7;>(0'P;U MWWN(]K$<-*
_VQ]YH+HM"R;$>W6@YDJRO@U-`PT3'-/]AZ7D!!9Y#>AO,_SL0 M2"$B/:!5,#2R;Q35$;$<;M\DL+5#C=F!.U[;AZN7K'&U8]NN6|_2LHH)M^?. MXL0/Z2T2C(.Y+?
@N(|"%G8:MDXJ;G3E+@=6IMYTI#@YOBH9$='=Q\|*8R MXI*X0.)@B(R_V.^M].)]RL$-5%8T2R1F9;26UU7 M0$677=?>|-AL7-,MO#[_IV0H;$+
*[RM.J'45'0AAZA5J2!CO(KT!L5Z^75^\ M2">_IUD<^%L&?^*VFIPX005MES.T:=5#*K64$J,J!RDZX/KF\L-B/'FL(M0G@\Q!"'>4S^O9?R7@X)(JVL__NV[F(*
*))WA>0*SNML'>G%_ O>#*"MIXP/ M[,;)(Q\-8:T!?96^0E0K M$YP9$).[=O88=$='4A*M (DC+]>AAHDN ,[6+%'QIV*Q@<=="%75V))\A&\"C> M0(\?M6U94VEP Q1-@\]RMI.]%(MNA6*
*\QYU29A M/L.16"H8/DU^R#2L8LLU84'EI?$T6M*"GE&SEEZVC<=,XQ27_?9V2'R.,[%C M\+W$^3G97O. R8D-8<$P'4[&A4+%@NT1%--)(.]\L/#6C%K]691*JD1#*
(VB0B,YXC215]>P=,=S74; M[9;S/#3)NQ8T78"]P>\$NUTT>10):MUDX@UABW%P3$47&MZ1AN5)R5:D<-"& M^(B;*LY%A<G,.)2?AQ8HJ M)Y5@DZ'1+KC$C\@GHX4P69%S-*
NS&',"ZO3(DLXU&N/M"_8M[2?]7-_!0VSF MTC0/Z R(<(=;T[5B]=0Y[]*OQF*K 2%3)L',%O_WEJH*V,:4C[+N)^\F";K#*
*M)]EK4!8/EX:2PTRFA6P])EQ0[4U2KMBC5T.2GGJ,:W@*8^B26G5+D((JKRN6 M0!=,D#Q./M&VK?B9+L1,C>,.'29//+GC /!+@'YAD-CKGR!@K) M!ZJ;U?W>YBO8!O-*
QD/^JRLO3V0L#'8A/@F<+AU$P56N8Q),-O./R-<@#!" M)9_?'(4J9=2GU8^2;3+J+P'7Z*TGI>-2$ R?PY(T;@/,X-]W&33E5!.>+6]9/R3 MYO/DJWJ=6F>JSE=_-WK"
[!D=1D@1(27(+HLKF;)JT!E/ECI&6]XY?&"WD[^M$0H8C.CK1--;#'(E_;A8/V?FH/Y22^'!*HFCN*)SUP9!NVJBM.;,,'"*$HY9X MWBK$1>[U"D$RI^?*

7EP;7O]#KK7F,2S^^WQLH>KH(C;$5]^J8,?DW*_^"WHW8 M%_^L_\!M"P\)3G:P8%KX_6TMT\]UHU^;,)*LAV,FP#CM-?E^N7@BY$/6"744O[S) MY9(RM]7?
&&^]R_C3=>/PMG_?;G[!NGPP6)?/%ZS+@G5Y&L;':G\!?_V$'MZC M/Q<4U7Q><+W<$R;-+J4!Z/0&^$]%\3WTH;>LJE.SXN4G;5E%#W.^MC-*#UIL[D)1ACCL@6P!,*
*MPADPGTF<8XR*P:6LZQ2^D6Y]9B\X$@\!%*IM;VFZO<=S&SU"@B:R%< KE\N56 M+V&1;]H%6?.&CBTTY\)=-MOV)C:K-?,/F?SYZDEZR:G7F5RT/M#T%S=,=NU^_MW]
[8T/IDM20I{Y._X]AGQ#>5+!BKWX_#(&B:{@"%_P. 8 $QN7$8MJ%" !0 M_7$%5NW=&[SF\!7S\46\9?.-KSL""\-)0M8[Z0GI N(@9R5XJRG(GGS__R:)-9 MG_SO$HRC)
[ZTFUO0MIOZ9(13>9B=>;R\3O2;"G<'C1Z)[D1)OH+M)&D1"0 M],/!:^M]%72.)U0\EAB+,!Y(?H(_^WH&+CFQ5F*W ,OU!)S=B&+&_;>K.3G M<,0A(:>S-[R?KU94KQZ:#1LJB1,?
M55VLU(_@201CP$PY+&3Z3^=H=72.PU9 MN,[OZ#[Y% XO[0HS%LGRX+GH 28\8LTG>8C\93P@+%)XNNZDG0I:1-(SPK!__MY!!)W GGQ:YD.,4B& @ZNA.!5PH6YV(HD9=G8*9U-
*Y/M)-1U3G A&K)=#)SC76D24N.0S*2KE!R;9I"V662Y4VA)\(>=#*&G*0SG30-/9}]\.F_;IR M&9)FX#):W<(W!S>2\#)=:#U:B^W0)4IA$R*W3"U&LC>@EJ6&G5?!2'& &_T@%
*"/=66<0B#2QR-)?AA\D?:A'V33@M)X>FBSFZ M{3%^AD)NQOO!P@Y_.NG/$A'T_40B,|/Z%2+$WGX&'R MR?UQ\U0&^)=9U(>\"4Q>2:DN2_&._&"6V;7
*M]'K2H.9).62:,E5LE"Z2"I/%'88G@%T8&WY!|2]X\I M I#S$@GY#|:-P.\SKC0;3{]WYG_VN^?/SE<_#\&X;?@D M5A\,IY&!S:"NI:N/80'"*B2-+?=AN4 M-Y>-\%NJ;IWP&>+UB-
I/#A,0J#^5-[@G:227C}>741Z(FW^]I%H:9Z.P)4J M_7'EMDD:;L\YA"6(}- OPW40"36ODCS|[_*A8_5!#5>P%91?4ZN2"I?#)^B8A MI^>^B,QF$/8CT2K*Q"39<<(?
*<+YZA1<EG>L#CSPOW?7$@P:T\YVO\)W>D?4N.0S*2KE!R;9I"V662Y4VA)\(>=#*&G*0SG30-/9}]\.F_;IR M&9)FX#):W<(W!S>2\#)=:#U:B^W0)4IA$R*W3"U&LC>@EJ6&G5?!2'& &_T@%^$RWC&Z#%&-
*X9>*X/@,$^29+MT&;YTK4!WOST+\"_(5%NC)'/&^2*%;UI[\C<=/61D)8L M6W;EPX714@HF9&ZE(W!*< S>IFZ=0Z'RU^EM{0\!81 'I*F7M"ZME=J.84GK[M6;FH9"9IN0$
*0"G"0(.ADK\%$C,$]33VS+]Q!;ATM$YQM__C-VU:,O.P%*4, ML6%VK.3(C[331AJ>^P47_/3KD^]YF*^U(?YXI92PDQ0 I@29C:N !O(=787O,8'@]?X8L%K+'B-!RM. M-*MGFV-+
;"CPMW]?AX/F+\R0@?%P\"I'GQY_;3&,>EKZNRPBG(CR1M/3 M,1+P#^@AR[2#,_BO)EO4 P8_Z$=@8RL^]-L ^N.(OG[^-<^OC M.[@^ADWXJZ774D@N&>
*!@;0KNNVI/4YP%L=S2QNHD?%A;D.=_&KVX6@MC1BZ MCT@.HGFXLTH"6)-> 22?@@M[80?1VT/7(B6;8A]!^TA%Q+@G! M">S:#1%QMWN15@UO!$,_X9-
*=>V(1!"ZH5(46[EK9%;C7O$2>(.8,YB M5SV9CD@Q*4S%E>AK)?"BLH^@7H;K-!$^E#2S,#J45+!BC0F/FM2L*A>4/OKR MFSYAXKNL26%@F8U[6]W.Z1(#\"(^Z"A,0[*C=X$H0&
*MO5'0TBC_00I9$F*R>$@+G+2(A2UJ!8@=]L:!+18 #B_DJB,;BDT$QZQ[MP"WW6GOJBHZ3T%QKD2$^_YA7GF@02GI4880,N/1!%)"1<@^U*14"LNW8?
*@X0]AV,DZE16.N\=:0*E*84H$;V5Z_WPIR>[LZ^Q\G&R?:MOGC)GE2(-(M*P-T'1!TPAG<]]J6X')9/Q"KZM+-^E[U?JIZIG*)W?5>W(S!/^;XB;(D@],/-]. XS#-UAR24BDB5;GC8/-
L#I)^"4 M/<$YACPY5A*U;@7N0;T+D*BE.7//E78BBTP>CWM%RT Q-B:%7"N>Z=:#@0E7 M5HX0-WY)9 M#]HN#=C%9^C@/8F$3B75-J|<0\{]Y;(_4'"*"'C:7:$71GWR];+
<[.BV%&#Z MD1??_N:/]-R\]+2+L7-P.3;)F#4\]6'U<RI.R-L1V7^70]D#GY1?87GDR. M-78\=`^;HHLKZ_'2^&__HM&)E3F*B]'IBWFZ]V=I#> C-,:'HZ.I4X-=C64=8?!I9]C=F%&0U
*MF"!*5C8A<9?P52FJ(3DBO8*QG!$"_M^2*"P-'!/U!S1LV"S$Q.W2 MX1MS2H@L+/#O^Q!.X" ?#!SD3PL<9(&#/)2UY6XM=OWM]*0SM6W.=/JTBC(D M%_6ULL]Y";\XX)'V6:*JBX$?
*D_Z)29MA0O(;3]F|/Z782O+;1_'N.I/-+I,G MF\/-;"N1N3F&(W"B(D5%NHR#7GOF-KK#A>3@S3:5Y_>-XX7O;=+O \T=WM&4 MV!-',16%"|\^;)>RZ!U7^ZU
R.\&D761\S4+_.!#BXJR9S+45^'>';?1'XVW.,4X5=$*_%4__F?I]_DL+AO5C\%)_QRJ?^%KWVS M>9N2?{/Z:T=MV_WIQ.U(UZ$X'N[_E:U2|NKV+Y9_5T?#OO@;EC[7;)7S]M
M.:]RTG\+?S;)KV]6/P]/0ZX94],]YIO5?Y=-N+%&[M%&OI[J:M]A2 @1/%/ M_OI-/.YZSTDA)0![6@OQ/6/J3$Y @>IB<0QC)KJN3;(:9TTR._N\\QH@-X8
*M#F/;E3=HM.]YF3M\UU"UL)"'*M3M5-@-^B\OM1Y19(W6#TUP3SX>N?JOSU/V$ M+|RWM\L\75@!\G5+=>]MSZ[=4#AXE.IVCF4E(B%3?0.JF(#$;LY#XK/(^?LT
*MXFH$#5QM44"GK9+C@5>0^848E?P^>K@\7)5.!I5^+BBR]<"-.9Q(L)5[#AV1 M8%&;CQ6AE82O_YM.%$T M#_00:+B YDD^@C=P^1(0;ZHYA7@$49@]V5 X/T;
M'"S@YOB.LHG29K4)9/RU-#_ED#E$)S},-]T>>C5ZX!O6,?6:+ ^A'A.CW##-1@[MOMH,>V,EB1/>3U&S1M8%0_Z.6*QBZ_(7%=D47_7[MMT*89&<[,]?'/,=[9Y)(C .:2@Y>
<0[^!9GS@,Z2?_\>3G;Y_\QZ=ZE^%!O=,5Q=MDCV!: M0:6ZI9\=?@$@]CP'DH037H]@?%C*4^@H8Y;C.^'U(\+CWLB5_%A9F4*&X@ M*\VDF#U9_/ PAFM -3/8RH" 2.,SGNB
*EC@S\7;P%S1R45[!DE;?N8>,EE*8 MCD$;+E\?8&8C'^9OXAGI8U0A%F]?+DG76WBFI[H[LG.:![9C<-R]S6[N3/[3<_6J]=!E1>R "N*K M\%7FB8+=BBU#AIZ!P0SS.+1UI; ADYZU
*4+Q6O14TECSPOW?7$@P:T\YVO\)W>D?4N.0S*2KE!R;9I"V662Y4VA)\(>=#*&G*0SG30-/9}]\.F_;IR M&9)FX#):W<(W!S>2\#)=:#U:B^W0)4IA$R*W3"U&LC>@EJ6&G5?!2'& &_T@%^$RWC&Z#%&-
*68M.*1ZG(<7U4NA*V*_I_2X|"'D2/PDC7BS>N4.$ M^%H1$7?F=S !BV_1K,0G?O&G\!0G!FMT D"< MY^^RQR0B\#V(OYUZ,>GSK*'- 2CY=F*31B_14\8#H@N@2@;S
*:IHC>HQ*R]PM/TF>08^Y6!HGW^FHP.11[IB,F8<1W3] M>6_"LY],R(9M3^23@>]EE%7"'+#]_;G>*)&7>RT[>-> M>#&IN!M7N8&:8TNY%.9@>9-
H/"'"0+DE,#I=G(=+OH!K2@7T[OA+I\;!$N* MK@ 5>'U?.$@9W(GE1,KOZMPV-1;\&"*45SNTC MD;&6;RUS5M 77 3NC4K
M=3EEUHPEINZI2]O/16'+E[4.0(@-.D9JHD)8I40_^^ XL%)O//!P&3^O.!D M%IC,0UD:'6V3X,L$8&NP1&V$X52\QD0=<2?(Z>E\,A_M@C3=::,2" 1,*72;R M7Z*O\[<**,"-
*MG;&?)_>\6QWHE+K. M5\:DF@KA."$>5@0U.5?<'+$UZ-!N/"\,+++D^).A%>FN'24AEEE.D\M @!(C MXI2:.YD&&%^243E[;6GRU54N\39QTO0R2WK[*B?
*K/@5"YUQ:OYX&2M40LO= MJ";5H5GFKT]U++7C6(!'CX,:E@_IN'LX;&^X&H8K1HT>ZMO! MWK=2O!F'=0#NRI@^WX[<]UZJ*8UC?)9,E)#.QXY&?XW5N4B*,1I&PLQW-2R[?.?\
*($;14%E(@?I%(?7 MP=#[O:I"!O&&,SA+F?G>CN17V0$HPLBXN9=O]0(TZ>BTLG&7P2!WX94;R4=, MM_,4EHLI+L9/2'RXPUMVGA^I5BE<4>#>BIA3YPITC2$4.!F)M91Q28-"
<:H+\0=9Y!,^ORM-!^G:LN4Y#!B@ 794|GQ=V MC>;NM%A(LTO3>W?/1'[@97=,*_B*]S04.R5D'1?#LWF,G+|ZY_9'0AG3A67 MQJFR/OKJ[-MJ=FY#4O)<LU,<&2]U3*'UM3?4-
H/TD];<6EO$A@/"5CH$Q@:E.^R)6T.0IN*M<8DS!< M%RWLP>HQ'"N$;RA<R6HH.+8UI3A.#32DV(^. 2]Y>;E8!>D-MF2HZ@^Z]=I62.R2T\QRIH@C20MG(1E%S4;
*(?&Y%.E#[+BR%L_@-U(\-F+-2' M7E>.D.GR\I+9TI$%HL,#7Y\0*R^LZ>.$;?F\TYX8M_9^$W,/8?Y]?32OJT%N&W MXI^M+(;PD>?:<%ZT9S1,4VWS]R:-1M D\,DC>]K$D[,O6-
*LAKF84&)#U@ZXT MPQO9@$I32QL98)TPS\BYZER{3)C549Z!?JGF$S[^>/^7U2?EH[QH]L[H@F%7 M#726I8CO7D:!M'/\S>]3-7^:,WBM***%LC.<.G]A\ZDR@JN^H']BZ%%_68-'*
M'H3>9?B5[:>VQK]3#RJ<94UX06FCWK3=2^RT$!5T[0753I6H.2/.N0G),&T:.M1CI^4GV]WE,WQ;[66P1)'/&OAW'_G$ MHIA#@B2E.KW7WU,/9 D#9LO;K^9"8V7-FR+3
*M<6G4N$,16<&O9>"_VM#D&Q$AGNCX)LV'KC114:GL),Y4Y74/WQ3U(@G45 M-BI>A9OLJ^ZZWNC((*NNZ11%56RE!E/EJHA201A\F NLFNA0E6=]5.3UR#$0F< MFI!90-
*XMUE>>=:,QW;!G/,ZT:V+'R>= MO+-V=\9X&-OZ1KIWE8=&P+O.5>?RRTB"GL4?^4HD5'INC#6 MQJPPP(&Z.K$,2K^EQ&))U>^=+ DJB@,BX^X]M]7_#]!T:K5]D0R+
*M)2&Y#$E9]WDG6#S]C:@^1!GPDC$^7,9(;U5]/ UX7-=:;$&B(!D2,FQP[4_"/ M<9Z.*RE0=/4G,$V4<*9BX_4$<8#G)>@< 1"(/#!\&.1B7'#MC F-TK$B)E8R MG;(_(?TKI;8??R;9*O=
*(.6$SD)#(XVZ%3"]DXAW.?/ M5]_]034FY!':P#+<);>MS>RS]:O-<*`S"<(=:PDX]O4N)<0+|K%(;U,$ >]'I M!]7"I'P)(K(8#@$1)*WA#_6UE,'2O1(^U3?"<]0+X<$36KVU"O3.2
*5!C^/@1&PA@BL2@U'!+.2RP'VAYYQ_"I*NGK)CR^+3 M"60*O+-A2Y"DG\-"> 1<.C$$F@"..#3@8I;575R_C9/ONPD_WF5T$9O;Y2Y%V^ M.H@YGDL6U:!O=97R5XU)\9R
K;GM)_H3(:AT,U!NQ#1^Q=5"I08*%*0\WZ><>WK3GUL)TM$Z70DU M3/C?S<#\WR4O7\B%=OH#AM/F 1*Y[M5^Z 5%=:.1#+]X.CF)WHWXJK5H)\-
*MV>%E#STSXFUB2_[GZFUTLDNIW4TBE5S[NYY7D!<\+?.121M<^%/!!] M.$)4'JE4[X(H[C7+_I?KIE /D.P,.DDS_=]W"R@>G0\&M//E MI90#L/96T6 M9_'4%2VW? ,BF@]YNP'"0\8?
5AXYU;$&1.,R:;:U=K@4X:QNX(JAM(@-8*G MEO[\7?>K$=E:AX5V64%\%Q(5]/A;1+@GWX3RS,F"X1U]_!:0S0@;FD!MW_U MX2O]SE@$#ZH=K&
*[!TE)4>@]7_T4SHX6RH39K4K;\S@A"TP0: TV1;LJQD$X M><(=V 3/T:>V[E@C+7< MLP$&T]+FBD-8.:M8GW@D].)B?S*Z)A!@^S-PY/27TM0^]DX,B@I<=)%X@_=% MM*UUK!
*[':P7.CT)/?"8Z?$.(B.7+9.BT;&R>T%G:EARY+>4F#$Z^NLO"X^+ MP-9M0T3,Q"X\M+<-OP#X(0SKIQ"?=8U.(&(80D>5Pf;_Z4E4SGW:-1Y LU^,[L MAETG%1XYL]7T.K@-
*BL6O>9(:H:LC1>E(;:95//%=8E>!A*I2%P+<#:H3++K\- M9BY0!,F0<))CE^CK/YP"@Y^70%\O7(?:TW(5;+-J6Y=':L;H)4?3!ZIS(ML\ MSJ(@0:@G)_+BSR93&UK Q
*ZR7;E71L&M[#KJ5%(KE',,F>0ZZ$%RYQW)0:F' M9-GXM"TLT1F6B$^U\"^*?3MYUSPS<$) ^D95DW.0$%WB;=*S+-&XY$]EL@3'1&+;?
D[%)D7#SNZ]K9'GB#WUZ_C7WI'<#S=84D(IF7FPZ^+-&

*M!KV:C#0YX^AY.G((*A 0I0Y9M"(OH.[J8!@6 ?BU/5_]-(:($7"6$#[\^ 1&X"3 M=IP*%+R2KA.-]/MG+*"#)TEQG"9ND M4("#S0K9FN1\;_K . +]T\:46FK*0AY<:JP+$PS#0W4?*
=XJ24E)NBZ4Wf%7RE M6WSO8?F"E_E@\#*:%[S,@I=YL D-TUZ\??1?0O)[S'<9(":36H,F+WAKL)7'H MW?X5T8GP%(*)S>PCO.PG1&4!L&7DYF_-?V<;JM$G7!?CBV3D""<^N$N MR@OC/N>"ZVRU*H>Z9Z-YDU-XN,6)H;WW?H1^:.,[@W8[CI7 O+TF4I:(N";*/6;MJ6QZ(%\+>&^H#U$T2$O1;&]%DK.'Q MVJ8A*<(Q9_'(48+CE@\EA2^(XK"VD*X M5.K+K86L7+ (>^[OTN!04*4V!$!;@4CE%4\E$TI_:L8#9HV+_`)6W@F&K&>,\"K^ MVM#:;0N*'[,&%S+G'ZEF,ARE&EMVY+5*(TZ,$ /-&]K.D7]8$Y<:?KH^:KlEA[
MD]!Q3K=$]8>.Y"N1AY6*1S7\Y5O]S/,?YT(AGK;D=Z"S M=/>%\P0GL#NS^S= GOLQ5_7."MQ)W7H--[/A5&S-L&H^E29+?P4_,#RP/[T M=L/Q==[%B!5M*](#%Z**\YW!XK30:)@8_FR"!?)1YE"3H"EPI/_A]9 M-9^LYR]?G/_I\5?_F;91,I.<;)>@!__-S/",KMC_A8;,] LP,MCX#.%BGW_Y MG^_6@G^%'C-IF/_2AA@YN?J7?
PK9T5=__N+KQY]_^<67C__TG]^$N&C+C8J_MO*RYUW!7>UL+;6I@26Y9 ZK;?_7X\9^M;. ^Z&WSA1Y]!]I_9K5[HE"K'@CIZ M)156S.U%D+;*>QNM1LD=?' SM>.U\,Q?
CL#P1PCQVS*?7!-M-^TY;38\6+' MM]NQ+YQP_B%5*TD-JBXSMBKK;5!MC?<"8S$8][55AGXK>!52]TM:/]KNT6V1 M-$UI%^Q$@&:H'L9@I'DI;O 6.FF:..\S_,+
MUENVWJO+HJ@8FT&OP+U_-,D.1A>*M"SF18@KF5N:(@[%"#FK>]AC(ANVF1 %_M6XQV;=IW8K30(Y2H3,.'LU0#$J!%KS8Y&*3KV63(RY0&&'DS:!FUY.Y/RQ% M52L7.C$K
M3"O$=9!I):&A/53=AH&)US6*@PN)8]EMG2;/ NATUIK!:T(OSY%34W8=(3${%T/A>/*_+"+$Q1)<+7OC MC?:&9)$$;)]@NLG'Y"?'1N)RP.QKF#WA1>QV.MBKZ^5#-Q;G(S
M<622Q"10=LI&0D05GM?,$\9-ZL$D)%@%,^C1=9RQ;1&=+NLH?EV8RQ,:1&=-]N M&$S?0 /WX,<.U:-F=&>)8T.Y9#"!E295IFROFNICI:X3^WOJD=0S%V-RQ0 M3
QO/(!8[Z3T5$2*B;*YDQ5CQE(_!J#JBTN>X6%\##$\M8;(Z\-!E,W0%@=^@?7 M7/N_$*Y\[B%_J?N7_>]7...3^G>>B\[?B55']<*4V49YV^1FN(?RD$N,199:Q.$C ?MI.4?
+R'801:0<@0$S]\-5YP\QLVI#!4\V)QT]@;]$!^_+QV9CM)DXWD[7W\+*M7N58SQ0#7$1ZCBG:<8;#B+D/J1,ZX$%]'_5@4O\LMQ43';PN\K,F&JU M0I1-TZ/I.*89_D0Z0)+JT
2VA3Q7H,+9XQ1JWFML&NW%#HJ@,XM)9U,X@4 M^J8;R5+GI+AN5V M&$S?0 /WX,<.U:-F=&>)8T.Y9#"!E295IFROFNICI:X3^WOJD=0S%V-RQ0 M3
QO/(!8[Z3T5$2*B;*YDQ5CQE(_!J#JBTN>X6%\##0\M8;(Z\-!E,W0%@=^@?7 M7/N_$*Y\[B%_J?N7_>]7...3^G>>B\[?B55']<*4V49YV^1FN(?RD$N,199:Q.$C ?MI.4?
+R'801:0<@0$S]\-5YP\QLVI#!4\V)QT]@;]$!^_+QV9CM)DXWD[7W\+*M7N58SQ0#7$1ZCBG:<8;#B+D/J1,ZX$%]'_5@4O\LMQ43';PN\K,F&JU M0I1-TZ/I.*89_D0Z0)+JT
_2VA3Q7H,+9XQ1JWFML&NW%#HJ@,XM)9U,X@4 M^J8;R5+GI+AN5VP_MO*RJH0W#+<%V1+/(:Q^BJ=0 M^%$S?0 /WX,<.U:-F=&>)8T.Y9#"!E295IFROFNICI:X3^WOJD=0S%V-RQ0 M3
QO/(!8[Z3T5$2*B;*YDQ5CQE(_!J#JBTN>X6%\##0\M8;(Z\-!E,W0%@=^@?7 M7/N_$*Y\[B%_J?N7_>]7...3^G>>B\[?B55']<*4V49YV^1FN(?RD$N,199:Q.$C ?MI.4?
+R'801:0<@0$S]\-5YP\QLVI#!4\V)QT]@;]$!^_+QV9CM)DXWD[7W\+*M7N58SQ0#7$1ZCBG:<8;#B+D/J1,ZX$%]'_5@4O\LMQ43';PN\K,F&JU M0I1-TZ/I.*89_D0Z0)+JT
_2VA3Q7H,+9XQ1JWFML&NW%#HJ@,XM)9U,X@4 M^J8;R5+GI+AN5VP_MO*RJH0W#+<%V1+/(:Q^BJ=0 M^%$S?0 /WX,<.U:-F=&>)8T.Y9#"!E295IFROFNICI:X3^WOJD=0S%V-RQ0 M3
QO/(!8[Z3T5$2*B;*YDQ5CQE(_!J#JBTN>X6%\##0\M8;(Z\-!E,W0%@=^@?7 M7/N_$*Y\[B%_J?N7_>]7...3^G>>B\[?B55']<*4V49YV^1FN(?RD$N,199:Q.$C ?MI.4?
+R'801:0<@0$S]\-5YP\QLVI#!4\V)QT]@;]$!^_+QV9CM)DXWD[7W\+*

2A/CA@C%"U(I(K,*$%HT]VW9D*B$BG2*0-RZ%#X_M_=&WXCL5VX3T:RXZ/C>2N*(H\V2Y12_#7+DEX+/^`MMW\N[-A9V?K-<3>2N:/`MX(NW_A9V?K-(<3_U_N_[`M4=S|||||*B5`ZZ]!(@@I9F\VD?XIU[Z^^ALK/92"I0CVF+.@H;@L/%+3RIG.H1670">-<^H/Z3?=TI<>B=.`MQ_HY!+W.!G#OBEL[%`&[YW[\SB55=3N\?\OSGIRHOV,ULMVMS^*FR5-EFO9_MI8WZ.P5[^(M=@(?"`1N69T?MQ?Y+P^MV3.4W?\.YW,<)Z9\,A8>/G)@_`MD\IZSJ3-O=_$Y\X_^6=+EBI%^3B6HO!BRV4C$MXD%"_A)*&U]30*@[S@F]M\|-/`QEX?OE1]HXK(_|)#^C?-R`MIZ$393(&S`<-<^F>*TDLEIF,!%6^5B_1K^.^:E|H1ZBFEDG-|H=4_AE]^X-MHHRCM?%CWNO+-R5RHH8?Y1+$#0|?=##R->NAKH_INF#ON-%GLOS_HR^>S_MI29-N&HU\_R_L$P\D_I4.5.H!>ER.O7HBI5\'I_#FDGW%5*0\D\O5)KT5R_M\+=,%FU2;2->X*_0$&F-/&U8OOM?S3[PX_.NK0OTBRBJ7_MQ3VEIY&9.0XEX7V_-.>+=*`2<2-LE%,`JA/<=^-]F2_`7HJ=_?VL%.U1\&Q.&Y_M_%-E%"H<11O7.05,_7^]K[4VPS.Y#(]\+2)?26>]+AMW.V.1K_K/&>_^-/(KKMD&,N<G0.1%+]#K\Y\/:J,/,STHVGM>G0EL;9sI_JJG^1?70<<,N_>.:%I=_/^887. S.MTE.O?SK.AX\\WJIZ>5#+'Y?G;SH]^=`IO-%OWOW_GOK#'O.LIE(c)+?ZK.MX:EFPW\:NFX%BUSG.?\^AZ.G.Z>Y]=05]:HUYOS%O<&!9Q/MO6>7[>IT.G08GW#R82_!=8XKF'\(-E4H194<0=M[[=%[X=GY52\>RFX/FXUAO9Q2<2B^>:?=)%.7LK6=E/P.=,`=%G:?`MTF$\$HDGS>1E-`B:ZZU4I[G>.DN-MA(3AX0Q68\|-8(B>)69BKMD)+BV+3[A:AZ/]5O6[H]=7F:C4S.U:<)>&H`<-<MS+-P_:^,:\)OHEPF?_M_4$L#!\0.(-"B%0UDA_#1Y/N@_%?K#0-1M879I59U=15.5YK.`M*LTH4UHILGIRM&<.!^A8\>#<&.8<?K3\#@<&.0\1(=U:CTY6&^(=UP.M/W[:-_K>>.1U0K.N#_Y.OW:)Y1IAZO\NK(.SENRIW1=WI\>?W_VO^.\2_M_:_`\Y1LXO+5^0S?2+'=.NP^.TC.WLKT@2)\*?MU]>DW^5\GM%:FSUW1CD;/M3C;4GD16W.Y'>26]+7I6.4S0B0^5T1+.X<@M^)<2(=GMXX^]=_N^.XO:#G<3GDMV.1*IV$=_MDE^D\.P\OL.9[GWH>W9$+U=\V[4]M[=#F-.Q-R_0\`=.*2SZ5FUV[%MG\3TI@<@W9N1E)5IE^\2_O^)Y;DKESLO\%\Y>0>4YF8^)/SEQ>]3OMC3*.M-2M\WIO@@A+.?QY-2P.+7Ix>O?QZ_-?_2;UG;/M%]?WZ]_>.W\/.]%=&4.M7^16=X+.D\:$<]K?:H/6^%.683).T#9J-ARK*%ZH<\Q-M2/WWJ-%(@-<9&]Q@?=T+4<6M_M?E#D]=-2>ABB-[_-.;_?[_HQ^'!5:2(6L.Y=.]PGRP?WJ.M@=+:I2(6L.Y=.]PGRP?WJ.M@=+:I2(6L.Y=.]PGRP?WJ.M@=+:I

(X#1DH+AD!O)21 60S MTA$HTD:6MOQ6xU!-8II@6&?3 **IPF-H:2"P)X%FE 0!H(4JZUM1_K"2C M#1:e$%**A2l:DSE3KH,$D F5XO'B1,*K7% !F8B2YCB=[K.R%)3BA391)-)4M M21#*'U[*M?$@@11LB.#)(Y0:R\F$%9VEDB=K;WPP9UUE'"%7&< MP/P63?^<;NM^R0@GY&F#IQ)Z0GI60Y&5/(-46Y1)Y7-B5V-K(OES N8)K2; M> NJG8.6>Z^5UIK9#&>8WG@C!?0RN 3(?):B@H +EV@*),!Q?-.PIF=KI*-M+'0?VO3I594]?L^('2)MBJ'.IPE$:(0AEMBHJ"%P5!3KAO!M&67+!4*V=ZB MVP0#!+FSQ;8KLE[%153;6,!^U:*,MHJ3-]:XSJU=]/@sU&\':FES@#]2 MQS<[0M%&AE<=<U4K>4FZ%E2H+45K=ABQ(#@-K (DL,Z0L[KF9L5<4!9ZWA# MY@H;=P*@U#3)&2Z1;$Z(+EE='#$U.YB]F3W<$Z!YME:591]?IC_KN6IZNI MQ?T+Z6;5"Q!A> =TGGV:?)HPB,EQU4XZBV> M@:J1_ARBJ'V>G/R,%BY LUM1ZA&/1*BC77;A! L!0M;BY#B-.HU;<00G M0W2N1VVXROV(GIOL%WYVCZ)M_H_BD5Q2L!+P5,@9/2 ;EG(YEGNR-15I, CV^1QJ!Y(/E?=DN;Y58TOB@,,#*C^^URG& [#/MYS`$NW1X,^AM02P%"4 M " HA6=9'=U9@3H !?ZPT $0 M @`3[(879!#,Q7S&N:1M M4$L!A0#% @ *(5G65(34;?,` !#D \ (:?N8# M &%V:?(M97@5,5#R+FAT;5!+ 0(4 0@ ("B%9UFV59*3! 8 * F ' M " 5?Q P!A=FER+65X,S0);2VH=&U02P$"% , 4 " H MA6=99A!X] D% ?) #P @ &(0. 879!#.R7SC N 9:1M4$L%!@ & 8 -@=@$ *!(P $:end XML 66 air-20240930_htm.xml IDEA: XBRL DOCUMENT 0001593899 us-gaap:RetainedEarningsMember 2023-07-012023-09-30 0001593899 us-gaap:AccumulatedOtherComprehensiveIncomeMember 2023-12-31 0001593899 us-gaap:AdditionalPaidInCapitalMember 2023-09-30 0001593899 2024-01-012024-09-30 0001593899 us-gaap:AccumulatedOtherComprehensiveIncomeMember 2023-04-012023-06-30 0001593899 us-gaap:RetainedEarningsMember 2023-03-31 0001593899 us-gaap:RetainedEarningsMember 2022-12-31 0001593899 us-gaap:CommonStockMember 2023-01-012023-03-31 0001593899 us-gaap:EmployeeStockMember 2020-10-012020-10-31 0001593899 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Organization   Business Overview Atea Pharmaceuticals, Inc., together with its wholly owned subsidiary, Atea Pharmaceuticals Securities Corporation, is referred to herein on a consolidated basis as "Atea" or the "Company". The Company is a clinical-stage biopharmaceutical company focused on discovering, developing and commercializing oral antiviral therapeutics to improve the lives of patients suffering from serious viral infections. Currently, the Company is evaluating the combination of bemnifosbuvir, a nucleotide N55B inhibitor, and ruzasvir, an N55A inhibitor, for the treatment of hepatitis C virus ("HCV") in a global Phase 2 clinical trial which is fully enrolled with 275 patients. The Company expects to report topline results from this study in the fourth quarter of 2024. If the Phase 2 clinical trial is successful, subject to discussion and alignment with regulatory authorities, the Company anticipates to initiate Phase 3 clinical development of this combination product candidate in 2025.   Liquidity and Capital Resources As of September 30, 2024, the Company had $402.6 million in cash, cash equivalents and marketable securities which the Company believes will fund its operations through at least twelve months from the issuance date of these unaudited financial statements. In November 2021, the Company entered into an open market sales agreement ("Sales Agreement") with Jefferies LLC ("Jefferies"), under which the Company may from time to time offer and sell shares of its common stock for an aggregate offering price of up to $200.0 million, through or to Jefferies, acting as sales agent or principal. The shares may be offered and sold under the Company's shelf registration statement on Form S-3 and a related prospectus filed with the Securities and Exchange Commission ("SEC") on November 24, 2021, as amended. The Company has agreed to pay Jefferies a commission of 3.0% of the aggregate gross proceeds from each sale of shares, reimburse legal fees and disbursements and provide Jefferies with customary indemnification and contribution rights. As of September 30, 2024, no shares have been issued under the Sales Agreement. Risks and Uncertainties The Company is subject to risks and uncertainties common to clinical-stage biopharmaceutical companies. These risks include, but are not limited to, potential failure of preclinical and clinical studies, uncertainties associated with research and development activities generally, competition from technical innovations of others, dependence upon key personnel, compliance with governmental regulations, the need to obtain marketing approval for any product candidate that the Company may develop, the need to gain broad acceptance among patients, payers and health care providers to successfully commercialize any product for which marketing approval is obtained and the need to secure and maintain adequate intellectual property protection for the Company's proprietary technology and products. Further, the Company is currently dependent on third-party service providers for much of its preclinical research, clinical development and manufacturing activities. Product candidates currently under development, including most notably the combination of bemnifosbuvir and ruzasvir for the treatment of HCV, will require significant amounts of additional capital and additional research and development efforts, and all the Company's product candidates will require regulatory approval, prior to commercialization. Even if the Company is able to generate revenues from the sale of its product candidates, if approved, it may not become profitable. If the Company fails to become profitable or is unable to sustain profitability on a continuing basis, then it may be unable to continue its operations at planned levels and be forced to reduce its operations.   The Company may seek additional capital through one or more of a combination of financing through the sale of additional equity securities, debt financing, or funding in connection with any new collaborative relationships it may enter into or other arrangements. There can be no assurance that the Company will be able to obtain such additional funding, on terms acceptable to the Company, on a timely basis or at all. The terms of any financing may adversely affect the holdings or the rights of the Company's existing stockholders. Geopolitical events,   including civil or political unrest and terrorism, have resulted in a significant disruption of global business and financial markets. In addition, recent or future market volatility, increased inflation and higher interest rates, if sustained, may increase the Company's cost of financing and may restrict our access to potential sources of future liquidity. 2254828000002000000000.030 2. Summary of Significant Accounting Policies
Basis of Presentation The unaudited interim condensed consolidated financial statements of the Company included herein have been prepared in accordance with accounting principles generally accepted in the United States ("GAAP") as found in the Accounting Standards Codification ("ASC"), Accounting Standards Update ("ASU") of the Financial Accounting Standards Board ("FASB") and the rules and regulations of the SEC. Certain information and footnote disclosures normally included in financial statements prepared in accordance with GAAP have been condensed or omitted from this report, as is permitted by such SEC rules and regulations. Accordingly, these unaudited condensed consolidated financial statements should be read in conjunction with the Company's audited consolidated financial statements and the notes thereto for the year ended December 31, 2023 included in the Company's Annual Report on Form 10-K filed with the SEC on February 28, 2024. Unaudited Interim Financial Information The accompanying condensed consolidated balance sheet as of September 30, 2024, the condensed consolidated statements of operations and comprehensive loss for the three and nine months ended September 30, 2024 and 2023, the condensed consolidated statements of stockholders' equity for the three and nine months ended September 30, 2024 and 2023, and the condensed consolidated statements of cash flows for the nine months ended September 30, 2024 and 2023 are unaudited. The unaudited interim financial statements have been prepared on the same basis as the audited annual financial statements and, in the opinion of management, reflect all adjustments, which include only normal recurring adjustments, necessary for the fair statement of the Company's financial position as of September 30, 2024, the results of its operations for the three and nine months ended September 30, 2024 and 2023 and its cash flows for the nine months ended September 30, 2024 and 2023. The results for the three months ended September 30, 2024 are not necessarily indicative of results to be expected for the year ending December 31, 2024, or any other interim period. Use of Estimates The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the condensed consolidated financial statements and in these accompanying notes. The Company bases its estimates on historical experience, known trends and other market-specific or other relevant factors and assumptions that it believes to be reasonable under the circumstances. On an ongoing basis, management evaluates its estimates, which include but are not limited to estimates of accrued research and development expenses, valuation of marketable securities, the valuation of stock-based awards, valuation of operating lease right-of-use assets and lease liabilities and income taxes. Changes in estimates are recorded in the period in which such changes become known. Principles of Consolidation The condensed consolidated financial statements include the accounts of Atea Pharmaceuticals, Inc. and its wholly-owned subsidiary, Atea Pharmaceuticals Securities Corporation. All intercompany amounts have been eliminated in consolidation. Significant Accounting Policies
There were no changes in the Company's significant accounting policies as described in the Annual Report on Form 10-K for the year ended December 31, 2023 filed with the SEC on February 28, 2024. Recently Issued Accounting Pronouncements From time to time, new accounting pronouncements are issued by the FASB or other standard setting bodies that the Company adopts as of the specified effective date. The Company does not believe that the adoption of recently issued standards have or may have a material impact on its condensed consolidated financial statements and disclosures. Basis of Presentation The unaudited interim condensed consolidated financial statements of the Company included herein have been prepared in accordance with accounting principles generally accepted in the United States ("GAAP") as found in the Accounting Standards Codification ("ASC"), Accounting Standards Update ("ASU") of the Financial Accounting Standards Board ("FASB") and the rules and regulations of the SEC. Certain information and footnote disclosures normally included in financial statements prepared in accordance with GAAP have been condensed or omitted from this report, as is permitted by such SEC rules and regulations. Accordingly, these unaudited condensed consolidated financial statements should be read in conjunction with the Company's audited consolidated financial statements and the notes thereto for the year ended December 31, 2023 included in the Company's Annual Report on Form 10-K filed with the SEC on February 28, 2024. Unaudited Interim Financial Information The accompanying condensed consolidated balance sheet as of September 30, 2024, the condensed consolidated statements of operations and comprehensive loss for the three and nine months ended September 30, 2024 and 2023, the condensed consolidated statements of stockholders' equity for the three and nine months ended September 30, 2024 and 2023, and the condensed consolidated statements of cash flows for the nine months ended September 30, 2024 and 2023 are unaudited. The unaudited interim financial statements have been prepared on the same basis as the audited annual financial statements and, in the opinion of management, reflect all adjustments, which include only normal recurring adjustments, necessary for the fair statement of the Company's financial position as of September 30, 2024, the results of its operations for the three and nine months ended September 30, 2024 and 2023 and its cash flows for the nine months ended September 30, 2024 and 2023. The results for the three months ended September 30, 2024 are not necessarily indicative of results to be expected for the year ending December 31, 2024, or any other interim period. <span style="color:#000000;white-space:pre-wrap

***style="color:#000000;white-space:pre-wrap;font-weight:bold;font-size:10pt;font-family:Arial;font-style:italic;min-width:fit-content;">Use of Estimates The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the condensed consolidated financial statements and in these accompanying notes. The Company bases its estimates on historical experience, known trends and other market-specific or other relevant factors and assumptions that it believes to be reasonable under the circumstances. On an ongoing basis, management evaluates its estimates, which include but are not limited to estimates of accrued research and development expenses, valuation of marketable securities, the valuation of stock-based awards, valuation of operating lease right-of-use assets and lease liabilities and income taxes. Changes in estimates are recorded in the period in which such changes become known. 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Collaboration Agreement In October 2020, the Company entered into a License Agreement ("Roche License Agreement") with F. Hoffmann-LaRoche Ltd. and Genentech, Inc. (together, "Roche") under which the Company granted an exclusive license for certain development and commercialization rights related to bemnifosbuvir outside of the United States (other than for certain HCV uses) to Roche. In November 2021, Roche provided the Company with a notice of termination of the Roche License Agreement which became effective in February 2022. Upon termination, the rights and licenses granted by the Company to Roche under the Roche License Agreement were returned to the Company, resulting in the Company having all rights to continue the clinical development and future commercialization of bemnifosbuvir worldwide. Global development plan activities and related cost sharing between the parties continued through the effective date of the termination. The activities to complete the global development plan were accounted for under ASC 808. Expenses incurred and reimbursements made or received from Roche were accounted for pursuant to ASC 730, Research and Development. As such, the Company was expensing costs as incurred, including any reimbursements made to Roche, and recognizing reimbursement received from Roche as a reduction of research and development expense through the effective date of the termination. For the three months ended September 30, 2024 and 2023, the Company recorded net credits of $0 and $3,748, respectively, from Roche. For the nine months ended September 30, 2024 and 2023, the Company recorded net credits of $1,292 and $12,625, respectively, from Roche. The credits recorded represent changes in estimate as a result of close out activities and related reporting of amounts incurred by Roche associated with the global development plan. The close out activities were completed by Roche as of March 31, 2024. As a result, the Company did not record any net credits in the three months ended September 30, 2024 and does not expect to receive any related amounts from Roche in the future. </p><p>0374800012920001262500</p><p style="font-size:10pt;margin-top:12pt;font-family:Arial;margin-bottom:6pt;text-align:left;"> 4. Marketable Securities</p><div style="font-size:10pt;font-family:Arial;"> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:49.57%;box-sizing:content-box;"></td> <td style="width:1.3%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.982%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1.3%;box-sizing:content-box;"></td> <td style="width:9.982%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.981999999999999%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.981999999999999%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1.3%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.982%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="border-top:2.25pt solid #000000;vertical-align:top;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p 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</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">Amortized Cost</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">Unrealized Gains</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">Unrealized Losses</p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">Fair Value</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Marketable Securities</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:14pt;white-space:pre-wrap;vertical-align:bottom;"><p style="margin-left:14pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">U.S Treasury obligations</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 128,478 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> 150 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 128,628 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:14pt;white-space:pre-wrap;vertical-align:bottom;"> U.S Government agency securities </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 22,059 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 34 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (1 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 22 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 54,884 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 121 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (3 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 55,002 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:14pt;white-space:pre-wrap;vertical-align:bottom;"> Commercial paper </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 16,704 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 16 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 16,720 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:14pt;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Corporate bonds </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 161,584 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 327 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 3 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt*

solid #000000;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;">   </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 161,908 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> </tr><tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:28pt;white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> Total </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">383,709</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">640</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"> 384,350 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> </tr></table> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:49.6%;box-sizing:content-box;"></td> <td style="width:1.3%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.1%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1.3%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.1%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1.3%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.1%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1.3%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.9%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="border-top:2.25pt solid #000000;vertical-align:top;"> </td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;"> </td> <td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td>

content;"> with an aggregate fair value of $16,157. The Company has the intent and ability to hold such securities until recovery. As a result, the Company did not record any charges for credit-related impairments for its marketable debt securities for either the three or the nine months ended September 30, 2024. None of the securities had remaining maturities longer than one year as of September 30, 2024. The Company received proceeds of $462,177 and $527,664 from sales and maturities of marketable securities during the nine months ended September 30, 2024 and 2023, respectively. </p><table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"><tr style="visibility:collapse;"><td style="width:49.57%;box-sizing:content-box;"></td><td style="width:1.3%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td><td style="width:9.081999999999999%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td><td style="width:1.3%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td><td style="width:9.081999999999999%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td><td style="width:1.3%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td><td style="width:9.081999999999999%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td><td style="width:1.3%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td><td style="width:9.082%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td></tr><tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"><td style="border-top:2.25pt solid #000000;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="border-top:2.25pt solid #000000;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">As of September 30, 2024</p></td><td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:center;">$ </td><td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 128,478 </td><td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> $</p></td><td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:center;">1,704</p></td><td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:center;">$ </td><td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 130,182 </td></tr><tr style="height:10pt;background-color:#ffffff;word-break:break-word;"><td style="vertical-align:bottom;"> Marketable Securities </td><td style="vertical-align:bottom;"> </td><td colspan="2" style="vertical-align:bottom;text-align:center;"> </td><td style="vertical-align:bottom;"> </td><td colspan="2" style="vertical-align:bottom;text-align:center;"> </td><td style="vertical-align:bottom;"> </td><td colspan="2" style="vertical-align:bottom;text-align:center;"> </td><td style="vertical-align:bottom;"> </td><td colspan="2" style="vertical-align:bottom;text-align:center;"> </td><td style="vertical-align:bottom;"> </td><td colspan="2" style="vertical-align:bottom;text-align:center;"> </td><td style="vertical-align:bottom;"> </td><td colspan="2" style="vertical-align:bottom;text-align:center;"> </td></tr><tr style="height:10pt;background-color:#ffffff;word-break:break-word;"><td style="text-indent:14pt;white-space:pre-wrap;vertical-align:bottom;"> US Treasury obligations </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> $</p></td><td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">128,478</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td><td style="white-space:nowrap;vertical-align:bottom;text-align:center;"> 150 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> $</p></td><td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">—</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">22,059</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">34</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">)</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">)</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">16,704</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">16</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">—</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">16,720</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td></tr><tr style="height:10pt;background-color:#ffffff;word-break:break-word;"><td style="text-indent:14pt;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="margin-left:14pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Corporate bonds</p></td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">161,584</p></td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">327</p></td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">(3</p></td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">)</p></td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">161,908</p></td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td></tr><tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"><td style="text-indent:28pt;white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="margin-left:28pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Total</p></td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"> 383,709 </td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> $</p></td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">648</p></td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"><span style="min-width:fit-content;">$ </td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"> (7 </td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;">) </td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> $ </td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"> 384,350 </td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td></tr></table> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"><tr style="visibility:collapse;"><td style="width:49.6%;box-sizing:content-box;"></td><td style="width:1.3%;box-

weight:bold;min-width:fit-content;">Total </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;">   </td> <td></tr> <tr style="height:10pt;background-color:#cf0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"> Cash equivalents </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:14pt;white-space:pre-wrap;vertical-align:bottom;"> Money market funds </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">90,641</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;text-align:center;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">90,641</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cf0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Marketable Securities</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p 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style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">128,628</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cf0fc;word-break:break-word;"> <td style="text-indent:14pt;white-space:pre-wrap;vertical-align:bottom;"><p style="margin-left:14pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">US Government agency securities</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">128,628</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:14pt;white-space:pre-wrap;vertical-align:bottom;"><p style="margin-left:14pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Asset-backed securities</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">55,002</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">55,002</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p 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style="margin-left:14pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Corporate bonds</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">161,908</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cf0fc;word-break:break-word;"> <td style="text-indent:28pt;white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p 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December 31, 2023 </td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Level 1 </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Level 2 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-

size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Level 3 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Total </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td></tr><tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"> Cash equivalents </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;">

Level 3 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Total </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> </tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"> Cash equivalents </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td 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style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">16,720</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p 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#000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td 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#000000;"><p style="margin-left:28pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Total</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"> 90,641 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">304,350</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:nowrap;vertical-align:bottom;text-align:center;"> $ </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;text-align:center;"> 474,991 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> </tr></table> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50%;box-sizing:content-box;"></td> <td style="width:1.32%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.18%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1.32%;box-sizing:content-box;"></td> <td 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December 31, 2023 </td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;">

weight:bold;min-width:fit-content;">Level 1 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Level 2 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Level 3 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Total </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td></tr> <tr style="height:10pt;background-color:#cff0fc;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;"> Cash equivalents </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td> <td style="vertical-align:bottom;"> </td> <td colspan="2" style="vertical-align:bottom;text-align:center;"> </td></tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:14pt;white-space:pre-wrap;vertical-align:bottom;"> Money market funds </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">143,740</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td></tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:14pt;white-space:pre-wrap;vertical-align:bottom;"><p style="margin-left:14pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Marketable Securities</p></td> <td style="vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> </p></td> <td style="vertical-align:bottom;text-align:center;"><p 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style="text-indent:14pt;white-space:pre-wrap;vertical-align:bottom;"><p style="margin-left:14pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">US Treasury obligations</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">155,938</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td></tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="text-indent:14pt;white-space:pre-wrap;vertical-align:bottom;"><p style="margin-left:14pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">US Government agency securities</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p 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style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">60,737</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td></tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="text-indent:14pt;white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="margin-left:14pt;text-indent:0;font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Corporate bonds</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td 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</table>90641000906410001286280000128628000220920000230920000550020005500200055002000167200001672000016190800016190800090641000384350000474991000143740000143740000155938000155938000178160000178160000394480003944800060737 6. Accrued Expenses and Other Current Liabilities Accrued expenses and other current liabilities consist of the following: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"><tr style="visibility:collapse;"> <td style="width:66.673%;box-sizing:content-box;"></td> <td style="width:1.74%;box-sizing:content-box;"></td> <td style="width:1%box-sizing:content-box;"></td> <td style="width:12.923%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1.74%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:12.923%;box-sizing:content-box;"></td> <td style="width:1%box-sizing:content-box;"></td></tr><tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="border-top:2.25pt solid #000000;vertical-align:top;border-bottom:0.5pt solid #000000;"> September 30,
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<136520002099900045350005696000420000669000186150027364000 7. Common Stock At September 30, 2024, the authorized capital of the Company included 300,000,000 shares of common stock with a par value of $0.0001 per share, of which 84,463,039 shares of the Company's common stock were issued and outstanding. On all matters to be voted upon by the holders of the Company's common stock, holders of the Company's common stock are entitled to one vote per share. The holders of the Company's common stock have no preemptive, redemption or conversion rights. 3000000008446305984463059On all matters to be voted upon by the holders of the Company's common stock, holders of the Company's common stock are entitled to one vote per share. 8. Stock-based Compensation In October 2020, the Company's shareholders approved the Company's 2020 Incentive Award Plan ("2020 Plan"). The 2020 Plan initially provided for the issuance of up to 7,924,000 shares of the Company's common stock and for the grant of incentive stock options or other incentive awards to employees, officers, directors and consultants of the Company. The number of shares of the Company's common stock that may be issued under the 2020 Plan is also subject to increase on the first day of each calendar year equal to the lesser of i) 5% of the aggregate number of shares of the Company's common stock outstanding on the final day of the immediately preceding calendar year or ii) such smaller number of shares as is determined by the board of directors. Through December 31, 2023, the shares available under the plan had increased by 12,450,364 shares since the inception of the 2020 Plan. In January 2024, the shares of the Company's common stock available under the 2020 Plan increased by 4,171,775 shares. As of September 30, 2024, 5,362,362 shares of the Company's common stock were available for future issuance under the 2020 Plan. The 2020 Plan replaced and is the successor of the Company's 2013 Equity Incentive Plan, as amended ("2013 Plan"). Upon any cancellation of outstanding option awards to purchase shares of the Company's common stock under the 2013 Plan, such shares will be made available for grant under the 2020 Plan. Stock Options The following table summarizes stock option activity for the nine months ended September 30, 2024. <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"><tr style="visibility:collapse;"><td style="width:50.17%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td><td style="width:9.602%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td><td style="width:1.22%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td><td style="width:9.602%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td><td style="width:9.00199999999999%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td><td style="width:9.602%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td><td style="width:1.22%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td><td style="width:9.602%;box-sizing:content-box;"></td><td style="width:1%;box-sizing:content-box;"></td></tr><tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"><td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td><td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Number of
Shares </td><td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td><td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td><td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Weighted
Average
Exercise Price
Per Share </td><td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td><td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Weighted
Average
Remaining
Contractual
Term (years) </td><td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td><td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td><td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> Aggregate
Intrinsic
Value
($000s)</p></td><td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td></tr><tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"><td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Outstanding at January 1, 2024</p></td><td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">17,017,319</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 15.30 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 7.1 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> $</p></td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">5,080</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td></tr><tr style="height:10pt;background-color:#ffffff;word-break:break-word;"><td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Granted</p></td><td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">3,313,550</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 4.10 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right

align:bottom;text-align:center;"> </td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Exercised </td> <td style="white-space:pre-wrap;vertical-align:bottom;">   </td> <td style="white-space:nowrap;vertical-align:bottom;">   </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;">   </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center

content;"></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"> 4.42 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> </tr> </table> As of September 30, 2024, total unrecognized compensation expense related to restricted stock units was $7,801, which amount is being recognized over a remaining weighted average period of 1.7 years. Performance-based Restricted Stock Units As of December 31, 2023 the Company had 24,970 performance-based restricted stock units (“2022 PSUs”) outstanding. The 2022 PSUs provide for a performance period from February 1, 2022 through January 31, 2025 to achieve up to six defined performance metrics. The percentage of 2022 PSUs eligible to vest will be determined based on the number of metrics achieved during the performance period and may range from 0% to 200% of the grant date value of the 2024 PSUs. Compensation expense is being recognized from the grant date through the final vest date of January 31, 2027. The Company recorded compensation expense of $185 and $488 for the three and nine months ended September 30, 2024.</p><div style="font-size:10pt;font-family:Arial;"><p style="font-size:10pt;margin-top:6pt;font-family:Arial;margin-bottom:6pt;text-align:left;">The following table summarizes the activity related to performance-based restricted stock units for the nine months ended September 30, 2024.</p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:64.8%;box-sizing:content-box;"></td> <td style="width:1.16%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:12.8%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1.58%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:15.66%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:center;"> </p></td> <td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">Number of
Shares</p></td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> </p></td> <td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">Weighted Average
Grant Date Fair Value</p></td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">Outstanding at January 1, 2024</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">724,970</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 7.14 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Granted </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 1,057,900 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">4.16</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Released</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Cancelled </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> —</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Unvested shares at September 30, 2024</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">1,782,870</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Forfeited</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 11,295 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">32,884</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Stock options </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">10,612</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 34,592 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-

family:Arial;margin-bottom:0;text-align:left;">Restricted stock units </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 1,356 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 1,087 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 4,018 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 2,590 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Performance-based stock units </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 185 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 488 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Employee stock purchase plan </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 11 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 1 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 80 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 89 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:2.25pt solid #000000;"> Total stock-based compensation expense </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">12,164</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"> 12,383 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"> 37,471 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> </tr> </table> Stock-based compensation expense is classified as follows: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50%;box-sizing:content-box;"></td> <td style="width:1.32%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.18%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1.32%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.18%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1.32%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.18%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="border-top:2.25pt solid #000000;vertical-align:top;"> </td> <td colspan="6" style="border-top:2.25pt solid #000000;vertical-align:bottom;"> </td> <td colspan="6" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Three Months Ended
September 30, </td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td colspan="6" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #ffffff;03;"> Nine Months Ended
September 30, </td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td style="vertical-align:bottom

of
Shares </td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Weighted
Average
Exercise Price
Per Share </td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Weighted
Average
Remaining
Contractual
Term (years) </td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Aggregate
Intrinsic
Value
($000s)</p></td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> </p></td></tr><tr style="height:10pt;background-color:#ffffff;word-break:break-word;"><td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Outstanding at January 1, 2024</p></td><td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">17,017,319</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td><td style="white-space:nowrap;vertical-align:bottom;text-align:center;"> 15.30 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 7.1 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> $</p></td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">5,080</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td></tr><tr style="height:10pt;background-color:#ffffff;word-break:break-word;"><td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Granted</p></td><td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">3,213,550</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 4.10 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td><td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td></tr><tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"><td style="white-space:pre-wrap;vertical-align:top;"> Exercised </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (4.10) </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td><td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td></tr><tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"><td style="white-space:pre-wrap;vertical-align:top;"> Forfeited </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td><td style="white-space:nowrap;vertical-align:bottom;text-align:center;"> (64,800) </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td><td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td></tr><tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"><td style="white-space:pre-wrap;vertical-align:top;"> Cancelled </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> (18,27 </td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td><td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td><td colspan="2" style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;"> Outstanding at September 30, 2024 </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 20,166,069 </td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> $</p></td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">13.51</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">6.8</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">$ </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td></tr><tr style="height:10pt;background-color:#ffffff;word-break:break-word;"><td style="white-space:pre-wrap;vertical-align:top;"> Vested and expected to vest at September 30, 2024 </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 20,166,069 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> $</p></td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">13.51</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">6.8</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 6,095 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td></tr><tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"><td style="white-space:pre-wrap;vertical-align:top;border-bottom:2.25pt solid #000000;"> Vested and exercisable at September 30, 2024 </td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"> 14,010,255 </td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> $</p></td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">16.28</p></td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">6.1</p></td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td><td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"> 6.075 </td><td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td></tr></table>1701731915.3P7Y1M6D50800003213550 4.16480018.272016606913.51P6Y9M18D6095000140102551 6.28P6Y1M6D6075000340003213550830009622000P4Y10Y31529000P2Y3M18D1126100455700003
<table style="color:#000000;white-space:pre-wrap;font-size:10pt;font-family:Arial;min-width:fit-content;">Below is the activity related to restricted stock units for the nine months ended September 30, 2024. <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin:right:auto;"> <tr style="visibility:collapse;"> <td style="width:64.8%;box-sizing:content-box;"></td> <td style="width:1.16%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:12.8%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1.58%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:15.66%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td></tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Outstanding at January 1, 2024 </td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> </td><td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Number of
Shares </td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Weighted Average
Grant Date Fair Value </td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td></tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Outstanding at January 1, 2024 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:nowrap;vertical-align:bottom;text-align:center;"> 2,337,517 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td><td style="white-space:nowrap;vertical-align:bottom;"> $</p></td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">4.69</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td></tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Granted</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">1,126,100</p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td><td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td><td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 4.05 </td><td style="white-space:nowrap;vertical-align:bottom;"> </td><td style="white-space:pre-wrap;vertical-align:bottom;"> </td></tr><tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"><td style="white-space:pre-wrap;vertical-align:top;"> Released </td><td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left

size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">(927,932 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> % </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">4.65</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">%</p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Cancelled</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">%</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">%</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">12,633</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">(</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">%</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">2,523,052</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">%</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">%</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"><span style="color:#000000;white-space:pre-wrap;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;text-align:center;"> 4.42 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> % </td> </tr> </table>23375174.691126210040.059279324.65126334.622523054.42780100OP1X8M12D724970 *The 2022 PSUs provide for a performance period from February 1, 2022 through January 31, 2025 to achieve up to six defined performance metrics. The percentage of 2022 PSUs eligible to vest will be determined based on the number of metrics achieved during the performance period and may range from 0% to 200%. The Company has not recognized any compensation expense through September 30, 2024, as achievement of the minimum performance criteria had not been deemed probable. The vesting of any eligible 2022 PSUs will occur in equal installments on January 31, 2025 and January 31, 2026.021057900440100OThe 2024 PSUs provide for a performance period from February 1, 2024 through January 31, 2027 to achieve up to four defined metrics. The percentage of 2024 PSUs eligible to vest will be determined based on the number of metrics achieved during the performance period and may range from 0% to 200%. As of September 30, 2024 one metric was deemed probable of achievement resulting in expense recognition of 50% of the grant date value of the 2024 PSUs. Compensation expense is being recognized from the grant date through the final vest date of January 31, 2027.020.50185000488000 The following table summarizes the activity related to performance-based restricted stock units for the nine months ended September 30, 2024. <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:64.8%;box-sizing:content-box;"></td> <td style="width:1.16%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:12.8%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1.58%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:15.66%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:left;"> Unvested at September 30, 2024 </td> <td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Number of
Shares </td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Weighted Average
Grant Date Fair Value </td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Weighted Average
Grant Date Fair Value </td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> Aggregate Intrinsic Value </td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Outstanding at January 1, 2024 </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> 724,970 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">7.14</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Granted</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">1,057,900</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 4.16 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Released </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Cancelled</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">—</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"><span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Unvested shares at September 30, 2024 </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"> 1,782,870 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"> </td> <td style="vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> </tr> </table>7249707.1411079004.1617820705.3711870000.0183207683435526316424105999641417000267000 Stock-based compensation expense by award type included within the unaudited condensed consolidated statements of operations and comprehensive loss was as follows: <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50%;box-sizing:content-box;"></td> <td style="width:1.32%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.18%;box-sizing:content-box;"></td> <td style="width:1

*bottom;0;text-align:right;">488 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;text-align:center;"> — </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Employee stock purchase plan </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 11 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> 1 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 80 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 89 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"> </td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:2.25pt solid #000000;"> Total stock-based compensation expense </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">12,164</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"> 12,383 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"> 37,470 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">37,271</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> </tr> </table>10612000112950003288400034592000135600010870000401800025900001850004880001100010000000089000121640001238300374700003727100<p style="font-size:10pt;margin-top:6pt;font-family:Arial;margin-bottom:6pt;text-align:left;">Stock-based compensation expense is classified as follows: </p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:50%;box-sizing:content-box;"></td> <td style="width:1.32%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.18%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1.32%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.18%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1.32%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.18%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1.32%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.18%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="border-top:2.25pt solid #000000;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="border-top:2.25pt solid #000000;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">Three Months Ended
September 30,</p></td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> </p></td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">Nine Months Ended
September 30,</p></td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Research and development expense</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 5,815 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">5,564</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 17,869 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">17,127</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">General and administrative</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">6,349</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">6,819</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #ffffff03;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">19,601</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p 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style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 12,164 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 12,383 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">37,470</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">37,271</p></td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> </tr> </table>581500055640001786900017037000634900068190001960100020234000121640001238300037470000372710<p style="font-size:10pt;margin-top:12pt;font-family:Arial;margin-bottom:0;text-align:left;">9. Net Loss Per Share </p><div style="font-size:10pt;font-family:Arial;"><p style="font-size:10pt;margin-top:6pt;font-family:Arial;margin-bottom:6pt;text-align:left;">Basic and diluted earnings per share are calculated as follows:</p> <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:49.92%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.28%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1.32%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.28%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1.32%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.28%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="border-top:2.25pt solid #000000;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="6" style="border-top:2.25pt solid #000000;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">Three Months Ended
September 30,</p></td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> </p></td> <td colspan="6" style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">Nine Months Ended
September 30,</p></td> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">2023</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">2023</p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Net loss</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (31,151 </td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-*

family:Arial;margin-bottom:0;text-align:left;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">(33,142</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (134,842 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">96,792</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"></p></td> <td></td></tr><tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">Weighted average common shares outstanding, basic and diluted</p></td> <td style="white-space:pre-wrap;vertical-align:top;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">84,422,000</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">83,399,769</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">84,198,117</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p 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style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;">134,042</p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">)</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"></p></td> <td style="white-space:nowrap;vertical-align:bottom;"><p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> (96,792 </td> <td style="white-space:nowrap;vertical-align:bottom;">) </td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Weighted average common shares outstanding, basic and diluted </td> <td style="white-space:pre-wrap;vertical-align:top;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 84,422,000 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> 83,399,769 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 84,198,117 </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td 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31151000-33142000-134842000-96792000844220008442200083399769833997698419811784198117833743288337432 0-37-0-37-0-4-0-4-1-6-1-6-1-16-1-16 The following shares were excluded from the computation of the net loss per share for the three and nine months ended September 30, 2024 and 2023, respectively, due to the net loss during the periods as their effect is antidilutive.   <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:49.9%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.5%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.5%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:9.6%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="border-top:2.25pt solid #000000;vertical-align:bottom;"> </td> <td colspan="6" style="border-top:2.25pt solid #000000;vertical-align:bottom;"> Three Months Ended
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20166069170063192016606917006319251523052233751752305223375171752307249701702807249701702807249704970 10. Leases The Company has a non-cancelable operating lease agreement for its office space in Boston, Massachusetts at 225 Franklin Street(the "225 Lease"). The 225 Lease commencement date was January 1, 2022 and the 225 Lease runs through December 31, 2026. The 225 Lease does not contain any options for renewal or extension. The following assets and liabilities are recorded on the Company's consolidated balance sheet as of September 30, 2024. <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:81.644%;box-sizing:content-box;"></td> <td style="width:1.66%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:14.697%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="border-top:2.25pt solid #000000;vertical-align:top;"> </td> <td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:top;"> As of September 30, </td> <td style="border-top:2.25pt solid #000000;vertical-align:top;text-align:center;"> </td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="vertical-align:top;border-bottom:0.5pt solid #000000;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 2024 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 2023 </td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> </td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="vertical-align:top;"> Right-of-use asset </td> <td style="white-space:pre-wrap;vertical-align:top;"> </td> <td style="white-space:nowrap;vertical-align:bottom;"> </td> <td style="white-space:pre-wrap;vertical-align:bottom;"> <span style="white-space:pre-wrap;min-width

size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Current lease liability </td> <td style="white-space:pre-wrap;vertical-align:top;">   </td> <td style="white-space:nowrap;vertical-align:bottom;">   </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 790 </td> <td style="white-space:nowrap;vertical-align:bottom;">   </td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Non-current lease liability </td> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:2.25pt solid #000000;">   </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;">   </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;text-align:center;"> 1,045 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;">   </td> </tr></table> Future minimum payments under the 225 Lease, currently the Company's only operating lease as of September 30, 2024 were as follows. <table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:80.444%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:15.757%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td style="border-top:2.25pt solid #000000;vertical-align:top;"> 2025 </td> <td style="white-space:pre-wrap;vertical-align:top;border-top:2.25pt solid #000000;">   </td> <td colspan="2" style="border-top:2.25pt solid #000000;vertical-align:bottom;">   </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 838 </td> <td style="white-space:nowrap;vertical-align:bottom;">   </td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> 2026 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;">   </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 855 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;">   </td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Total lease payments </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 1,898 </td> <td style="white-space:nowrap;vertical-align:bottom;">   </td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Less amount representing implied interest </td> <td style="white-space:pre-wrap;vertical-align:bottom;">   </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;">   </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> 63 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;">   </td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> Total lease liability </td> <td style="white-space:pre-wrap;vertical-align:bottom;">   </td> <td style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> 1,835</p></td> <td style="white-space:nowrap;vertical-align:bottom;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> Current portion of operating lease liabilities</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 790 </td> <td style="white-space:nowrap;vertical-align:bottom;">   </td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;border-bottom:2.25pt solid #000000;"> Non-current portion of operating lease liabilities </td> <td style="white-space:pre-wrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;">   </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;"> $ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 1,043 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:2.25pt solid #000000;">   </td> </tr></table> For each of the three months ended September 30, 2024 and 2023, the Company recorded operating lease costs of $162, relating to its operating lease agreements. For each of the nine months ended September 30, 2024 and 2023, the Company recorded operating lease costs of $485, relating to its operating lease agreements.</p>Boston, Massachusetts at 225 Franklin Street2022-01-012026-12-31false<p style="font-size:10pt;margin-top:6pt;font-family:Arial;margin-bottom:6pt;text-align:left;">The following assets and liabilities are recorded on the Company's consolidated balance sheet as of September 30, 2024.</p><table style="margin-left:auto;border-spacing:0;table-layout:fixed;width:100.0%;border-collapse:separate;margin-right:auto;"> <tr style="visibility:collapse;"> <td style="width:81.644%;box-sizing:content-box;"></td> <td style="width:1.66%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> <td style="width:14.697%;box-sizing:content-box;"></td> <td style="width:1%;box-sizing:content-box;"></td> </tr> <tr style="height:10pt;background-color:#ffffff;white-space:pre-wrap;word-break:break-word;"> <td 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leases</p></td> <td colspan="2" style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> 2024</p></td> <td style="vertical-align:bottom;border-bottom:0.5pt solid #000000;text-align:center;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="vertical-align:top;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> Remainder of 2024</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> <span style="color:#000000;min-width:fit-content;">$ </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 205 </td> <td style="white-space:nowrap;vertical-align:bottom;">   </td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> 2025 </td> <td style="white-space:pre-wrap;vertical-align:bottom;">   </td> <td style="white-space:nowrap;vertical-align:bottom;">   </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 838 </td> <td style="white-space:nowrap;vertical-align:bottom;">   </td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> 2026 </td> <td style="white-space:pre-wrap;vertical-align:bottom;">   </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;">   </td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> 855 </td> <td style="white-space:nowrap;vertical-align:bottom;border-bottom:0.5pt solid #000000;">   </td> </tr> <tr style="height:10pt;background-color:#ffffff;word-break:break-word;"> <td 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style="white-space:nowrap;vertical-align:bottom;"> $</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;text-align:center;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:right;"> 1,835</p></td> <td style="white-space:nowrap;vertical-align:bottom;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> </tr> <tr style="height:10pt;background-color:#cff0fc;word-break:break-word;"> <td style="white-space:pre-wrap;vertical-align:top;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> Current portion of operating lease liabilities</p></td> <td style="white-space:pre-wrap;vertical-align:bottom;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> </p></td> <td style="white-space:nowrap;vertical-align:bottom;"> <p style="font-size:10pt;margin-top:0;font-family:Arial;margin-bottom:0;text-align:left;"> <span 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Income Taxes The Company recorded income tax expense of $226 and $221 for the three months ended September 30, 2024 and 2023, respectively. The Company recorded income tax expense of $700 and $669 for the nine months ended September 30, 2024 and 2023, respectively. <p

style="font-size:10pt;margin-top:6pt;font-family:Arial;margin-bottom:0;text-align:left;">The Company maintained a full valuation allowance through September 30, 2024 due to uncertainty regarding its ability to utilize deferred tax assets. 2260002210007000006690000 12. Commitments and Contingencies License Agreement In December 2021, the Company entered into a license agreement ("Merck License Agreement") with MSD International GmbH, an affiliate of Merck & Co, Inc. ("Merck") for the development, manufacture and commercialization of ruzasvir. Ruzasvir is the NS5A inhibitor the Company is developing in combination with bemnifosbuvir for the treatment of HCV. Pursuant to the terms of the Merck License Agreement, the Company obtained from Merck a worldwide exclusive (subject to certain reserved rights to conduct internal research) and, sublicensable license under certain Merck patents and know-how to research, develop, manufacture, have manufactured, use, import, export, sell, offer for sale, and otherwise commercialize ruzasvir or products containing ruzasvir (each a "Product") for all therapeutic or prophylactic uses in humans. In addition to a non-refundable upfront payment that the Company made in February 2022, the Company will be required to pay Merck milestone payments upon its achievement of certain development, regulatory and sales-based milestones. Additionally, the Company will pay Merck tiered royalties based on annual net sales of Products ranging from high single digits to mid-teens percentages. The Company's royalty payment obligations will continue until the later of (i) the expiration of the last to expire valid claim of a licensed Merck patent claiming such Product and (ii) a period of years after the first commercial sale of such Product in such country. The Company may terminate the Merck License Agreement for convenience upon prior written notice. The first potential milestone in the amount of $5.0 million would be payable upon the commencement of the HCV Phase 3 clinical trial that the Company is currently planning. Contingent Consulting Fee The Company has an agreement with a consultant that requires payment of a success fee calculated as a percentage of certain product sales, subject to a cumulative maximum payout of $5.0 million. This success payment is contingent upon the occurrence of future events and the timing and likelihood of such payment is neither probable nor estimable. Indemnification The Company enters into certain types of contracts that contingently require the Company to indemnify various parties against claims from third parties. These contracts primarily relate to (i) the Company's bylaws, under which the Company must indemnify directors and executive officers, and may indemnify other officers and employees, for liabilities arising out of their relationship with the Company, (ii) contracts under which the Company must indemnify directors and certain officers and consultants for liabilities arising out of their relationship with the Company, and (iii) procurement, service or license agreements under which the Company may be required to indemnify vendors, service providers or licensees for certain claims, including claims that may be brought against such third parties arising from the Company's acts or omissions with respect to the Company's products, technology, intellectual property or services. From time to time, the Company may receive indemnification claims under these contracts in the normal course of business. In the event that one or more of these matters were to result in a claim against the Company, an adverse outcome, including a judgment or settlement, may cause a material adverse effect on the Company's future business, operating results or financial condition. It is not possible to determine the maximum potential amount payable under these contracts since the Company has no history of prior indemnification claims and the unique facts and circumstances involved in each particular claim will be determinative. 5000000500000 13. Benefit Plan The Company's defined contribution plan under Section 401(k) of the Internal Revenue Code ("401(k) Plan") covers substantially all employees who meet minimum age and service requirements. Under the terms of the 401(k) Plan, the Company records matching contributions up to 4% of the participant's eligible compensation. During the three months ended September 30, 2024 and 2023, the Company recognized expense of $149 and $105, respectively, relating to matching contributions to the 401(k) Plan. During the nine months ended September 30, 2024 and 2023, the Company recognized expense of $711 and $642, respectively, relating to matching contributions to the 401(k) Plan. 0.041490001050007110006420002 14. Related Party Transactions The Company is party to a consulting agreement with an entity controlled by one of its directors. The agreement provides for an annual retainer of $110. The Company recognized expense in the amount of $27 and $81 for each of the three and nine month periods ended September 30, 2024 and 2023, respectively. In June 2022, the Company entered into a consulting agreement with one of its directors. No expense was recognized in connection with this agreement for the three and nine months ended September 30, 2024 or 2023. 1100002700027000810008100000000 Other than as disclosed below, during the three months ended September 30, 2024, no director or "officer" (as defined in Rule 16a-1(f) under the Exchange Act) of the Company adopted or terminated a "Rule 10b5-1 trading arrangement" or "non-Rule 10b5-1 trading arrangement", as each term is defined in Item 408(a) of Regulation S-K. On September 10, 2024, Maria Arantxa Horga, M.D., our Chief Medical Officer, terminated a Rule 10b5-1 trading arrangement, as defined in term 408(a) of Regulation S-K, that was adopted on June 17, 2024 to sell 67,198 shares of the Company's common stock thru June 15, 2025. No shares of the Company's common stock were sold under this trading arrangement prior to the termination. falsefalseSeptember 10, 2024Maria Arantxa Horga, M.DChief Medical Officertruetruefune 17, 202467198June 15, 20250