# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

# FORM 8-K

# CURRENT REPORT Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): November 8, 2024

# **FULGENT GENETICS, INC.**

(Exact Name of Registrant as Specified in Charter)

(Registrant's telephone number, including area code)

Delaware001-3789481-2621304(State or other jurisdiction of incorporation)(Commission File Number)(IRS Employer Identification No.)

4399 Santa Anita Avenue El Monte, California (Address of Principal Executive Offices)

**91731** (Zip Code)

(626) 350-0537

Check	Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:											
	☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)											
	Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)											
	Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))											
	Pre-commencement communications pursuant to Rule	13e-4(c) under the Exchange Act (17 CFR 240.13e-4	4(c))									
Secur	ities registered pursuant to Section 12(b) of the Act:											
	Title of each class	Trading Symbol(s)	Name of each exchange on which registered									
	Common Stock, par value \$0.0001 per share	FLGT	The Nasdaq Stock Market (Nasdaq Global Market)									
	Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).											
Emerg	ging growth company											
	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.											

## Item 2.02 Results of Operations and Financial Condition.

On November 8, 2024, Fulgent Genetics, Inc. (the "Company") issued a press release announcing its financial results for the fiscal quarter ended September 30, 2024. A copy of the Company's press release containing this information is being furnished as Exhibit 99.1 to this Current Report on Form 8-K.

### Item 7.01 Regulation FD Disclosure.

From time to time, the Company presents and/or distributes slides and presentations to the investment community to provide updates and summaries of its business. On November 8, 2024, the Company updated its investor presentation, which is available on the Investor Relations section of the Company's website at http://ir.fulgentgenetics.com. This presentation is also furnished as Exhibit 99.2 to this Current Report on Form 8-K.

The information in Items 2.02 and 7.01, including Exhibits 99.1 and 99.2, is being furnished and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that Section, nor shall it be deemed incorporated by reference into any registration statement or other filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

### Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

No.	Description
99.1	Press Release of Fulgent Genetics, Inc., dated November 8, 2024
99.2	Corporate Presentation of Fulgent Genetics, Inc.
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

# SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: November 8, 2024 FULGENT GENETICS, INC.

By: /s/ Paul Kim

Name: Paul Kim

Title: Chief Financial Officer

### **Fulgent Reports Third Quarter 2024 Financial Results**

- Total Revenue of \$71.7 million
- Core Revenue grows 9% year-over-year to \$71.7 million
- Reiterates Full Year 2024 Core Revenue Guidance of \$280 million, Improves Earnings Per Share Guidance for 2024

EL MONTE, CA, November 8, 2024 — Fulgent Genetics, Inc. (NASDAQ: FLGT) ("Fulgent," or the "Company"), a technology-based company with a well-established laboratory services business and a therapeutic development business, today announced financial results for its third quarter ended September 30, 2024.

### Third Quarter 2024 Results:

- Total Revenue of \$71.7 million
- Core Revenue<sup>1</sup> grew 9% year-over-year to \$71.7 million
- GAAP loss of \$14.6 million, or (\$0.48) per share
- Non-GAAP income of \$9.4 million, or \$0.31 per share
- Adjusted EBITDA income of \$0.4 million
- Cash, cash equivalents, restricted cash, and investments in marketable securities of \$815.4 million as of September 30, 2024

### Note:

1) Core Revenue is revenue calculated in accordance with GAAP minus revenue from COVID-19 testing products and services including COVID-19 NGS testing revenue, each as calculated in accordance with GAAP.

Non-GAAP income (loss), non-GAAP income (loss) per share, adjusted EBITDA income (loss), non-GAAP gross profit and margin, and non-GAAP operating income (loss) and margin, are described below under "Note Regarding Non-GAAP Financial Measures" and are reconciled to the most directly comparable GAAP financial measure, GAAP income (loss), GAAP gross profit and margin, and GAAP operating income (loss) and margin, in the accompanying tables.

Ming Hsieh, Chairperson of the Board of Directors and Chief Executive Officer, said, "We continue to see good momentum in our business, with Laboratory Services fueling our initiatives and exhibiting sequential growth in all three areas of our Laboratory Services business for the quarter. In Therapeutics Development, we are encouraged by the preliminary results we are seeing from initial patients being treated in our Phase 2 clinical trial of FID-007 in Head and Neck Cancer, and we continue to move our next candidate, FID-022, through preclinical studies toward an Investigational New Drug (IND) application."

Paul Kim, Chief Financial Officer, said, "We are pleased with our financial performance in the third quarter and our trajectory for the remainder of 2024, as we continue to grow core revenue and improve operations."

### Outlook:

For the full year 2024, Fulgent expects:

- Core Revenue of approximately \$280 million
- GAAP loss improvement from approximately (\$1.95) per share to approximately (\$1.70) per share
- Non-GAAP loss improvement from approximately (\$0.30) loss per share to approximately \$0.33 income per share
- Cash, cash equivalents, and investments in marketable securities of approximately \$800 million as of December 31, 2024\*

\*Cash expenditures may be higher or lower than currently estimated due to a variety of factors and circumstances, including as a result of the Company's ongoing stock repurchase program or other expenditures outside the ordinary course of business.

### **Conference Call Information**

Fulgent will host a conference call for the investment community today at 8:30 AM ET (5:30 AM PT) to discuss its third quarter 2024 results. The call may be accessed through a live audio webcast in the Investor Relations section of the Company's website, http://ir.fulgentgenetics.com. An audio replay will be available at the same location.

### **Note Regarding Non-GAAP Financial Measures**

Certain information set forth in this press release and/or to be discussed on the Company's earnings call, including non-GAAP income (loss), non-GAAP income (loss) per share, adjusted EBITDA income (loss), non-GAAP gross profit and margin, and non-GAAP operating income (loss) and margin are non-GAAP financial measures. Fulgent believes this information is useful to investors because it provides a basis for measuring the performance of the Company's business, excluding certain income or expense items that management believes are not directly attributable to the Company's operating results. Fulgent defines non-GAAP income (loss) as net income (loss) calculated in accordance with accounting principles generally accepted in the United States of America, or GAAP, plus amortization of intangible assets, plus equity-based compensation expenses, plus impairment of available-for-sale debt securities, plus or minus the non-GAAP tax effect, and plus or minus other charges or gains, as identified, that management believes are not representative of the Company's operations. The non-GAAP tax effect was calculated by excluding from the GAAP provision the impact of the amortization of intangible assets, equity-based compensation expenses, and impairment of available-for-sale debt securities. Fulgent defines adjusted EBITDA income (loss) as GAAP income (loss) plus or minus interest (expense) income, plus or minus provisions (benefits) for income taxes, plus equity-based compensation expenses, plus depreciation and amortization, plus impairment of available-for-sale debt securities, and plus or minus other charges or gains, as identified, that management believes are not representative of the Company's operations. Fulgent defines non-GAAP gross profit as gross profit calculated in accordance with GAAP plus equity-based compensation included in cost of revenue as shown in the table below. Fulgent defines non-GAAP gross margin by taking non-GAAP gross profit and dividing it by GAAP revenue. Fulgent defines non-GAAP operating profit (loss) by taking GAAP operating profit (loss) and adding equity-based compensation and amortization of intangible assets. Non-GAAP operating margin is calculated by taking non-GAAP operating profit (loss) and dividing by GAAP revenue. Fulgent may continue to incur expenses similar to the items added to or subtracted from GAAP income (loss) to calculate non-GAAP income (loss) and adjusted EBITDA income (loss); accordingly, the exclusion of these items in the presentation of these non-GAAP financial measures should not be construed as an implication that these items are unusual, infrequent or non-recurring. Management uses these non-GAAP financial measures

along with the most directly comparable GAAP financial measure of net income (loss), gross profit and margin, and operating income (loss) and margin, in evaluating the Company's operating performance. Non-GAAP financial measures should not be considered in isolation from, or as a substitute for, financial information presented in conformity with GAAP, and non-GAAP financial measures as reported by Fulgent may not be comparable to similarly titled metrics reported by other companies.

### **About Fulgent**

Fulgent is a technology-based company with a well-established laboratory services business and a therapeutic development business. Fulgent's laboratory services business, which was formerly referred to as the clinical diagnostic business, includes technical laboratory services and professional interpretation of laboratory results by licensed physicians. Fulgent's therapeutic development business is focused on developing drug candidates for treating a broad range of cancers using a novel nanoencapsulation and targeted therapy platform designed to improve the therapeutic window and pharmacokinetic profile of new and existing cancer drugs. The Company aims to transform from a genomic diagnostic business into a fully integrated precision medicine company.

### **Forward-Looking Statements**

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Examples of forward-looking statements in this press release include statements about, among other things: future performance; guidance, including guidance regarding expected quarterly and annual financial results, core revenues, GAAP loss, non-GAAP loss, and cash, cash equivalents and investments in marketable securities; evaluations and judgments regarding the stability of certain revenue sources, the Company's cash position and sufficiency of its resources, momentum, trajectory, vision, future opportunities and future growth of the Company's testing and laboratory services, technologies and expansion; the Company's research and development efforts, including any implications that the results of earlier clinical trials will be representative or consistent with later clinical trials, the expected timing of enrollment and regulatory filings for these trials and the availability of data or results of these trials, including any implication that interim or preliminary data will be representative of final data; the Company's identification and evaluation of opportunities and its ability to capitalize on opportunities, capture market share, or expand its presence in certain markets; and the Company's ability to continue to grow its business.

Forward-looking statements are statements other than historical facts and relate to future events or circumstances or the Company's future performance, and they are based on management's current assumptions, expectations, and beliefs concerning future developments and their potential effect on the Company's business. These forward-looking statements are subject to a number of risks and uncertainties, which may cause the forward-looking events and circumstances described in this press release to not occur, and actual results to differ materially and adversely from those described in or implied by the forward-looking statements. These risks and uncertainties include, among others: the market potential for, and the rate and degree of market adoption of, the Company's tests; its ability to maintain turnaround times and otherwise keep pace with rapidly changing technology; the Company's ability to maintain the low internal costs of its business model; the Company's ability to maintain an acceptable margin; risks related to volatility in the Company's results, which can fluctuate significantly from period to period; risks associated with the composition of the Company's customer base, which can fluctuate from period to period and can be comprised of a small number of customers that account for a significant portion of the Company's revenue; the Company's level of success in obtaining coverage and adequate

reimbursement and collectability levels from third-party payors for its tests and testing services; the Company's level of success in establishing and obtaining the intended benefits from partnerships, strategic investments, joint ventures, acquisitions, or other relationships; the success of the Company's development efforts, including the Company's ability to progress its candidates through clinical trials on the timelines expected; the Company's compliance with the various evolving and complex laws and regulations applicable to its business and its industry; and the Company's ability to protect its proprietary technology and intellectual property. As a result of these risks and uncertainties, forward-looking statements should not be relied on or viewed as predictions of future events.

The forward-looking statements made in this press release speak only as of the date of this press release, and the Company assumes no obligation to update publicly any such forward-looking statements to reflect actual results or to changes in expectations, except as otherwise required by law.

The Company's reports filed with the U.S. Securities and Exchange Commission, or the SEC, including its annual report on Form 10-K for the fiscal year ended December 31, 2023, filed with the SEC on February 28, 2024, and the other reports it files from time to time, including subsequently filed annual, quarterly and current reports, are made available on the Company's website upon their filing with the SEC. These reports contain more information about the Company, its business and the risks affecting its business, as well as its results of operations for the periods covered by the financial results included in this press release.

### **Investor Relations Contact:**

The Blueshirt Group Melanie Solomon, melanie@blueshirtgroup.com

Condensed Consolidated Balance Sheet Data September 30, 2024 and December 31, 2023 (in thousands)

	Se	eptember 30, 2024	December 31, 2023			
ASSETS:						
Cash and cash equivalents	\$	58,042	\$	97,473		
Investments in marketable securities		757,259		750,252		
Accounts receivable, net		57,315		51,132		
Property, plant, and equipment, net		106,810		83,464		
Other assets		254,337		253,007		
Total assets	\$	1,233,763	\$	1,235,328		
LIABILITIES & EQUITY:						
Accounts payable, accrued liabilities and other liabilities	\$	98,865	\$	102,042		
Total stockholders' equity		1,134,898		1,133,286		
Total liabilities & equity	\$	1,233,763	\$	1,235,328		

Condensed Consolidated Statement of Operations Data Three and Nine Months Ended September 30, 2024 and 2023 (in thousands, except per share data) (unaudited)

	Three Months Ended September 30,			Nine Months Ended September 30,			
	2024		2023		2024		2023
Revenue	\$ 71,743	\$	84,687	\$	207,256	\$	218,708
Cost of revenue (1)	 44,972		44,843		131,890		139,481
Gross profit	26,771		39,844		75,366		79,227
Operating expenses:							
Research and development (1)	11,783		10,014		36,703		29,488
Selling and marketing (1)	9,124		10,161		26,708		30,967
General and administrative (1)	20,950		17,498		63,765		57,293
Amortization of intangible assets	1,993		1,957		5,973		5,887
Total operating expenses	 43,850		39,630		133,149		123,635
Operating (loss) income	(17,079)		214		(57,783)	-	(44,408)
Interest income	8,090		6,472		23,181		15,802
Interest expense	(14)		(70)		210		(625)
Impairment of available-for-sale debt securities	(10,073)		_		(10,073)		_
Other income, net	544		244		554		342
Total other (expense) income, net	(1,453)		6,646		13,872		15,519
(Loss) income before income taxes	 (18,532)	-	6,860	-	(43,911)		(28,889)
(Benefit from) provision for income taxes	(3,838)		20,326		(6,281)		12,016
Net loss from consolidated operations	 (14,694)		(13,466)	-	(37,630)		(40,905)
Net loss attributable to noncontrolling interests	46		359		810		1,229
Net loss attributable to Fulgent	\$ (14,648)	\$	(13,107)	\$	(36,820)	\$	(39,676)
Net loss per common share attributable to Fulgent:							
Basic	\$ (0.48)	\$	(0.44)	\$	(1.22)	\$	(1.33)
Diluted	\$ (0.48)	\$	(0.44)	\$	(1.22)	\$	(1.33)
Weighted-average common shares:	(1. 1)		( )		( , )		( )
Basic	30,416		30,013		30,095		29,789
Diluted	30,416		30,013		30,095		29,789
(1) Equity-based compensation expense was allocated as follows:							
Cost of revenue	\$ 1,940	\$	2,621	\$	5,948	\$	7,374
Research and development	3,583		3,782		11,563		10,900
Selling and marketing	931		1,189		2,983		3,644
General and administrative	4,466		3,310		13,579		9,572
Total equity-based compensation expense	\$ 10,920	\$	10,902	\$	34,073	\$	31,490

Non-GAAP Income (Loss) Reconciliation

Three and Nine Months Ended September 30, 2024 and 2023  $\,$ 

(in thousands, except per share data)

	Three Months Ended September 30,			Nine Months Ended September			ember 30,	
		2024		2023		2024		2023
Net loss attributable to Fulgent	\$	(14,648)	\$	(13,107)	\$	(36,820)	\$	(39,676)
Amortization of intangible assets		1,993		1,957		5,973		5,887
Equity-based compensation expense		10,920		10,902		34,073		31,490
Impairment of available-for-sale debt securities		10,073		_		10,073		_
Non-GAAP tax effect (1)		1,100		(11,402)		569		(18,267)
Non-GAAP income (loss) attributable to Fulgent	\$	9,438	\$	(11,650)	\$	13,868	\$	(20,566)
Net loss per common share attributable to Fulgent:								
Basic	\$	(0.48)	\$	(0.44)	\$	(1.22)	\$	(1.33)
Diluted	\$	(0.48)	\$	(0.44)	\$	(1.22)	\$	(1.33)
Non-GAAP income (loss) per common share attributable to Fulgent:								
Basic	\$	0.31	\$	(0.39)	\$	0.46	\$	(0.69)
Diluted	\$	0.31	\$	(0.39)	\$	0.46	\$	(0.69)
Weighted average common shares:								
Basic		30,416		30,013		30,095		29,789
Diluted		30,679		30,013		30,404		29,789

# (1) Tax rates as follows:

During the three and nine months ended September 30, 2024 and 2023, the Company calculated an income tax provision on a non-GAAP basis.

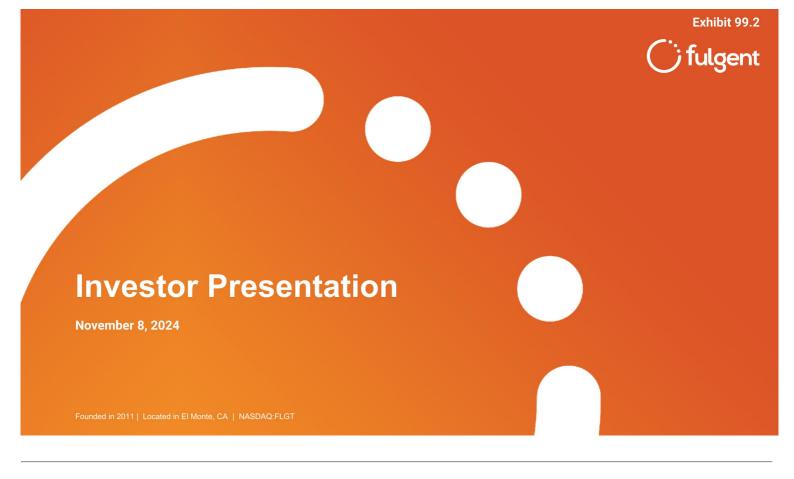
# FULGENT GENETICS, INC. Non-GAAP Adjusted EBITDA Reconciliation Three and Nine Months Ended September 30, 2024 and 2023 (in thousands)

	Three Months Ended September 30,				Nine Months Ended September 30,			
	 2024		2023		2024		2023	
Net loss attributable to Fulgent	\$ (14,648)	\$	(13,107)	\$	(36,820)	\$	(39,676)	
Interest income, net	(8,076)		(6,402)		(23,391)		(15,177)	
(Benefit from) provision for income taxes	(3,838)		20,326		(6,281)		12,016	
Equity-based compensation expense	10,920		10,902		34,073		31,490	
Depreciation and amortization	5,920		6,419		18,736		19,610	
Impairment of available-for-sale debt securities	10,073		_		10,073		_	
Adjusted EBITDA	\$ 351	\$	18,138	\$	(3,610)	\$	8,263	

## Non-GAAP Operating Margin

Three and Nine Months Ended September 30, 2024 and 2023 (in thousands)

	Three Months Ended September 30,				Nine Months Ended September 30,			
		2024		2023		2024		2023
Revenue	\$	71,743	\$	84,687	\$	207,256	\$	218,708
Cost of revenue		44,972		44,843		131,890		139,481
Gross profit		26,771		39,844		75,366		79,227
Gross margin		37.3 %		47.0 %		36.4%		36.2 %
Equity-based compensation included in cost of revenue		1,940		2,621		5,948		7,374
Non-GAAP gross profit		28,711		42,465		81,314		86,601
Non-GAAP gross margin		40.0%		50.1 %		39.2%		39.6%
Operating expenses		43,850		39,630		133,149		123,635
Equity-based compensation included in operating expenses		8,980		8,281		28,125		24,116
Amortization of intangible assets		1,993		1,957		5,973		5,887
Non-GAAP operating expenses		32,877		29,392		99,051		93,632
Non-GAAP operating loss	\$	(4,166)	\$	13,073	\$	(17,737)	\$	(7,031)
Non-GAAP operating margin		-5.8 %		15.4%		-8.6%		-3.2 %



# Disclaimer

### Forward-Looking Statements and Market Data

This presentation contains forward-looking statements, which are statements other than those of historical facts and which represent the estimates and expectations of Fulgent Genetics, Inc. (the "Company" or "Fulgent") about future events based on current views and assumptions. Examples of forward-looking statements made in this presentation include, among others, those related to long-term upside or value, management of risk, anticipated growth and positioning, addressable market estimates, the Company's mission, vision and strategies, the success of its business model and strategy, anticipated future revenue and guidance, evaluations and judgments regarding the Company's business, products, tests and testing services, future or continued turnaround- times, technologies, competitive landscape, scalability, plans regarding development and launch of potential future products, and any businesses the Company may seek to acquire or has acquired or has invested in or may seek to invest in, including statements regarding Fulgent Pharma Holdings, Inc. ("Fulgent Pharma"), Inform Diagnostics, CSI Laboratories, and any potential synergies, or transformation of the Company's business, long-term visions and strategies, including, with respect to Fulgent Pharma, those designated to create a vertically integrated solution for cancer care, the clinical development of Fulgent Pharma's pipeline and related statements and assumptions regarding development timelines, any potentially accelerated pathway for regulatory approval, the potential safety and efficacy of the nanodrug delivery platform and any related therapeutic candidates, the potential market size for these candidates and platforms and the value of available data, including genomic data, the Company's research and development efforts, including any implications that the results of earlier clinical trials will be representative or consistent with later clinical trials, the expected timing or timing of enrollment for these clinical trials or operations, including any cas

This presentation also includes market data and forecasts with respect to the industry in which the Company operates. In some cases, the Company relies upon and refers to market data and certain industry forecasts that have been obtained from third-party surveys, market research, consultant surveys, publicly available information and industry publications that the Company believes to be reliable. These data and estimates involve a number of assumptions and limitations, and you are cautioned not to give undue weight to such estimates.

### Non-GAAP Financial Measures

This presentation contains certain supplemental financial measures that are not calculated pursuant to U.S. generally accepted accounting principles ("GAAP"). These non-GAAP measures are in addition to, not a substitute for or superior to, measures of financial performance prepared in accordance with GAAP. A reconciliation of non-GAAP measures to GAAP measures is contained in this presentation.

# Leadership Team



Ming Hsieh Chief Executive Officer

Experienced operational leader, entrepreneur and philanthropist

Previously CEO, President, and Chairman of Cogent Systems, Inc.

Member of the National Academy of Engineering; Fellow of the National Academy of Inventors; Trustee of USC





**Paul Kim** Chief Financial Officer

Experienced financial leader and Certified Public Accountant

Previously CFO of Cogent Systems, Inc.; sold to 3M for \$943M in 2010

B.A. in Economics from University of California at Berkeley



Dr. Harry Gao Lab Director and Chief Scientific Officer

Previously Lab Director at City of Hope

Clinical molecular genetics training fellowship and post-doctoral fellowship at Harvard Medical School

M.S. in Immunology, and M.D. and Ph.D. in Microbiology, Immunology, and Medical Genetics



**Chief Operating** Officer

Responsible for managing all global operations, product vision and product engineering

Served as an SVP of Cogent Systems, Inc.

B.A. in Engineering, M.S. in Industrial Engineering and an M.S. in Computer Science



**Brandon Perthuis** Chief Commercial Officer

Extensive experience leading genetic testing commercialization programs since 2003

Previously VP of Sales and Marketing of the Medical Genetics Laboratory at Baylor College of Medicine

Prior to Baylor, held senior roles at PerkinElmer, Inc. and Spectral Genomics, Inc.









**Dr. Lawrence Weiss** Chief Medical Officer

Esteemed background in molecular science and pathology

Most recently Chief Medical Officer at NeoGenomics Laboratory, Inc.; prior senior role at Clarient, Inc.

Chairman Emeritus of Pathology at City of Hope National Medical Center







Founder & CEO, ANP Technologies, Inc.

Former Team Leader of Nanobiotechnology for Chem/Bio Defense, U.S. Army Research Laboratory

Holder of 46 drug delivery/detection patents





















# **About Fulgent**

We are a premier global, technology-based genetic testing company focused on transforming patient care in oncology, infectious and rare diseases, and reproductive health.



# **Mission**

Develop flexible and affordable diagnostics and therapeutics that improve the everyday lives of those around us.

# **Core Values**

- Innovation
- Customer Service and Commitment
- Quality and Efficiency
- Our People

# **Strategy**

- Leverage our proprietary technology platform for broad application
- Further clinical/regulatory program for Pharma
- Operational excellence
- Disciplined M&A

4

# Strategic Vision – A One-Stop Solution for Cancer Care



To build a vertically integrated solution to combat cancer early detection | clinical diagnostics | post treatment monitoring | drug discovery and cancer treatment





# **FULGENT PHARMA**

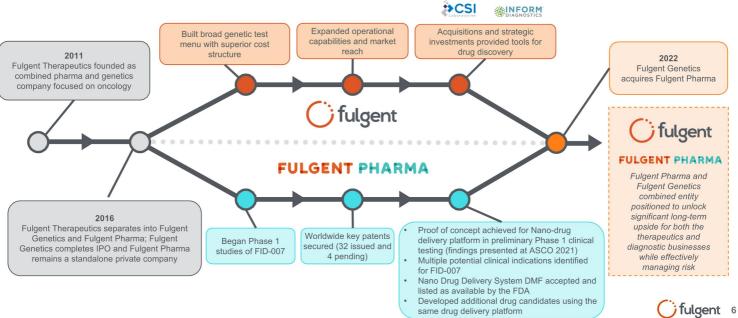
Leading Genetic Testing Company Offering Tech-Enabled Diagnostic Solutions

Nano-Drug Delivery Platform Exciting Cancer Therapeutic Opportunity Realizing Precision Medicine Potential

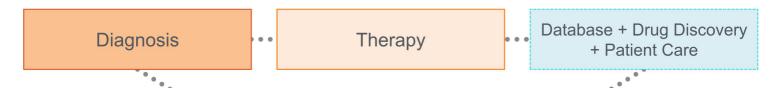
## Therapeutic and Diagnostic Entity Providing Comprehensive Solutions Across the Cancer Care Continuum

- Vertically integrated "one-stop" solution across the healthcare chain following the CSI, Inform Diagnostics, and Pharma acquisitions
- Proprietary nano drug delivery technology platform serves as an underpinning technology between diagnostic and pharm to help create a more sustainable and profitable business model in precision medicine for years to come
- Addition of a talented scientific team creates a strong synergy and competitive advantage that may be leveraged across the combined
- Potential near-term opportunity includes shortened 505(b)(2) drug development and commercialization timelines and potential long-term opportunity leverages large data insights and novel analytical tools from diagnostics business to enable additional precision medicine pipeline through organic or partnered development strategies
- Commitment to continue growing diagnostic and therapeutic opportunities through organic investments and M&A
- Seasoned management team along with strong cash position allow Fulgent to enter therapeutic opportunities while managing risk





# Long-Term Vision: Fulgent Continuum of Care





- Transforms from a service company to a combined diagnostic and therapeutic company focused on precision medicine
- Large oncology market opportunity
- Careful pipeline management will responsibly engage therapeutic opportunities while managing potential
- Valuable, diverse assets and future sustainable revenue and margins



# **FULGENT PHARMA**

- Well-funded by diagnostics to advance H&N therapy trials and commercialization process
- Genomics data accelerates pipeline therapeutics development, e.g. spatial biology for tumor microenvironment profiling
- Long-term opportunity to leverage data insights from diagnostics to enable precision medicine through proprietary or partnered development strategies
- Manufacturing capability to aid drug development



# LABORATORY SERVICES

Q3 Year-over-Year Core Revenue Increase

18,400+ GENES | 900+ PANELS **CUSTOMIZABLE OFFERINGS** 

# Positioned for Growth

- Proprietary technology platform allows for rapid scaling of a 1 broad, flexible test menu
- Next-generation sequencing (NGS) platform 2 complemented with growing portfolio of emerging testing technologies with a focus on oncology
- 3 Well-positioned to execute on a growth strategy that includes organic and inorganic initiatives, including:
  - Transformational acquisition of Inform Diagnostics
    - Ramping of CSI Labs
    - Scaling partnerships
    - Potential future acquisitions with a strategy of short- and longterm ROI, tangible synergies, and efficient capital deployment



# Platform and Capabilities Across 3 Divisions



Laboratory Services

# **Precision Diagnostics**

- Reproductive Health
- Oncology / Liquid Biopsy
- Rare Disease
- Neurogenetics



# **Anatomic Pathology**

- Dermatopathology
- · G
- · GU
- · GSP



# **BioPharma Services**

- Spatial Phenotyping
- · Exome/Genome sequencing
- RNA sequencing
- Single Cell sequencing



# **Target Market Opportunity**



**Cancer Diagnostics** 

\$80B market<sup>1</sup>

Early Detection / Liquid Biopsy

\$18B market<sup>1</sup>

Reproductive Health
\$8B market<sup>2</sup>

BioPharma Services
\$50B market<sup>3</sup>

Market sizes sourced from Wall Street equity research Market size sourced from Frost & Sullivan, October 2022 Market size sourced from Research and Markets, April 202



# What Sets Fulgent Diagnostics Apart?

### Leads to a Broader Test Menu

- 18,400+ single-gene tests <sup>(1)</sup>
- 900+ panels
- Whole Genome and Exome
- Flexibility enables custom tests for any genes or conditions
- Preset panels have grown 350% since IPO in 2016

### **And a Better Cost Structure**

- Lab efficiencies, automation and scale have translated to a sustainable cost structure
- Partnerships create leverage with sales and marketing
- Process 100% of volume without the need for outsourcing



**Superior Cost Structure** 

**Extensive Test Menu** 

**Technology Platform** 

Represents genes covered by single-gene tests.

A New Approach to NGS

Comparison and suppression algorithms Comprehensive analytics

Proprietary probes and engineered chemistry

powered by AI and ML



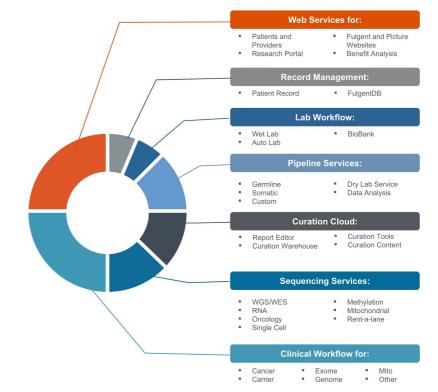
# **Proprietary Technology Platform**

# Differentiated Technology...

- Engineered genetic biochemistry, including reagents and probes
- Data suppression and comparison algorithms
- Adaptive learning software
- Automated reporting

# ...Provides a Multitude of **Advantages**

- Broad test menu
- Ability to rapidly develop and launch new
- Customizable test offerings
- Lower costs per billable test
- High efficiency



# **Broad Capabilities**



**Next Generation Sequencing** Opportunities

### Recent Traction with:

- Hereditary Cancer
- Cardiovascular Genetics
- Reproductive Health
- Neurodegenerative Genetics

Newly launched pharmacogenetic test

Aggressively expanding sales and commercial organization



# Specialized **Oncology Testing**

### Wide Array of Technologies

### Services Include:

- Flow cytometry
- Cytogenetic analysis
- Fluorescence in-situ hybridization (FISH)
- Immunohistochemistry
- Molecular genetics
- Consultations in hematopathology and surgical pathology
- NGS



# Comprehensive Anatomic Pathology Services

### **Broad Capabilities**

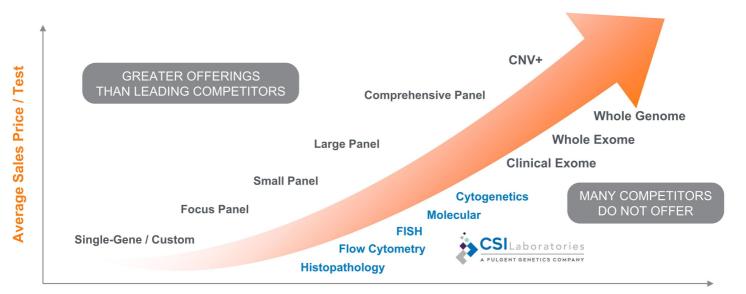
- Breast pathology
  Gastrointestinal pathology
  Compatenathology
  Compatenathol Urologic pathology

Managed care contract network and physician relationships leveraged to provide diagnostic products and services complementary to Fulgent's portfolio

Expansive geographic presence with several CLIA-licensed laboratories across the United States



# Scalable and Affordable Menu for Customers



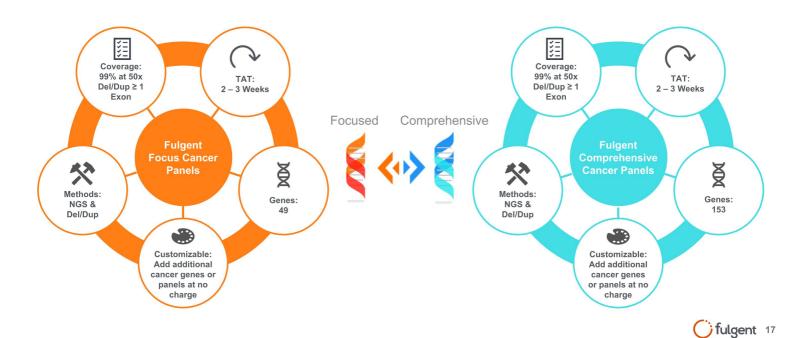
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# NGS Testing – Offerings



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# NGS Testing – Germline Oncology Test Menu



# **Oncology Testing Platforms**



- Expansive heme and solid tumor menu
- STAT testing available - PML/RARA <1 day
- CD138 cell enrichment for PCM
- 3-5 day turnaround time



# Histology

- 225+ stains
- Platform agnostic Roche, Agilent and Leica IHC
- Three levels of service -Tech, Global, Consultative
- PD-L1 Various IVD platforms and indications
- <1-2 day turnaround



# **Cytogenetics**

- Oncology and constitutional
- >20% abnormality detection
- Mitogen stimulation/dual culture
- DSP30 (detection of B-cell disorders)
- Interleukin 4 for plasma cell
- Phytohemagglutinin and Interleukin 2 (detection of Tcell disorders)
- Children's Oncology Group approved
- 5-7 day turnaround time



# **Flow Cytometry**

- 10-color platform
- Comprehensive panel design
- High-sensitivity for paroxysmal nocturnal hemoglobinuria
- Expert analysis and interpretation
- 12-24 hour turnaround

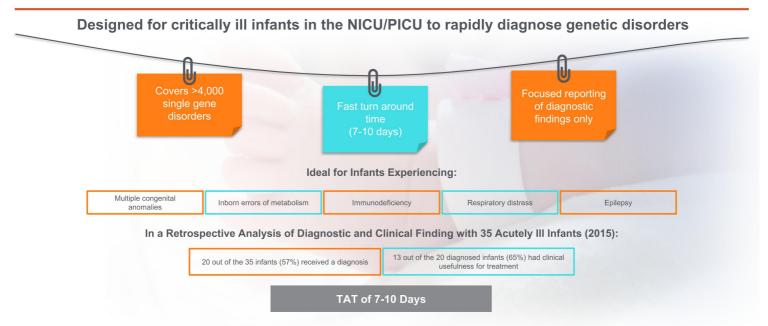


# Molecular

- Hematology and solid tumor menu
- Extensive single gene menu
- NGS
- Solid tumor liquid biopsy NGS offering
- 5-7 day turnaround time [NGS 8-10 days]



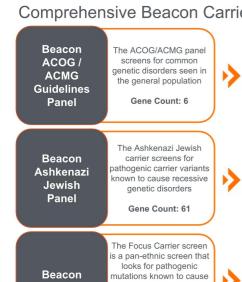
# NGS Testing - Rapid Whole Genome



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# NGS Testing – Panel Deep Dive

# Comprehensive Beacon Carrier Screening Tests



autosomal recessive and X-linked disorders Gene Count: 30

**Focus Panel** 

The Expanded Panel screens for more than 400 recessive and X-linked Beacon conditions that covers people of all ethnic **Expanded** Panel backgrounds Gene Count: 427

> Beacon787 **Panel**

One of the largest panels available for those seeking the most comprehensive testing option

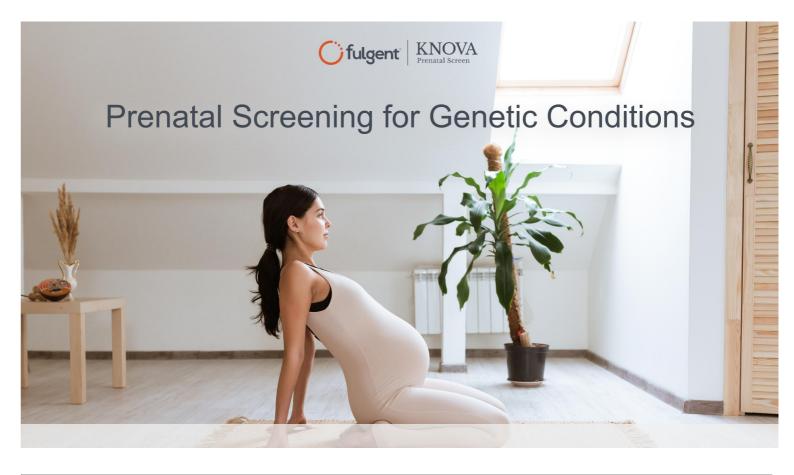
Gene Count: 787



# **Beacon Carrier Screening**

- NGS of entire genes, not just hotspots
- Deletion and duplication analysis
- Proprietary algorithms for pseudogenes
- TAT: 2 Weeks





# Technology



- NGS Comprehensive NIPS utilizing coordinative allele-aware target enrichment (COATE) suppresses allelic hybridization bias
- Dual end sequencing retains cfDNA fragmentation characteristics
- Multi-dimensional analyses for allelic ratios, read-depth, cfDNA fragmentation pattern



KNOVA technology is using features from both commonly used methods of NIPT (SNP-based and MPSS/counting methods). Additionally, we use proprietary technology that helps us better differentiate between maternal and fetal DNA. All of this increases the sensitivity and specificity of our test for both aneuploidies and monogenic conditions.



# Fulgent NIPT/NIPS – Full Panel



**Aneuploidies - 6 13**, 15, 16, **18, 21**, 22

**Aneuploidies (sex chr)** Monosomy X (Turner), XXY (Kleinfelter), XXX (Triple X), XYY (Jacob)

Microdeletions - 12 1p36; 2q33.1; 4p16; 5p15; 8q23; 9p; 11q23-25; 15q11.2-q13; 17p11.2;

18q; 18p; 22q11.2

Single genes - 56 ASXL1, BRAF, CBL, CD96, CDKL5, CHD7, COL10A1, COL11A1, COL1A1,

COL1A2, COL2A1, EBP, EFNB1, ERF, FGFR1, FGFR2, FGFR3, FLNB, FREM1, GLI3, HDAC8, HNRNPK, HRAS, KAT6B, KMT2D, KRAS, LMNA,

MAP2K1, MAP2K2, MECP2, NIPBL, NRAS, NSD1, NSDHL, PTPN11, RAD21, RAF1, RIT1, RUNX2, SHOC2, SKI, SLC25A24,

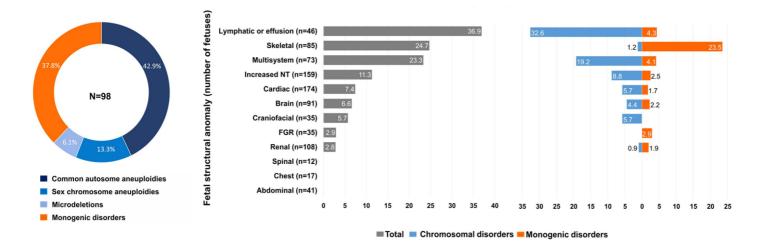
SMC1A, SMC3, SNRPB, SOS1, SOS2, SOX9, SPECC1L, STAT3, TCF12,

TRAF7, TSC1, TSC2, TWIST1, ZIC1

Source File: Final Gene List



# Detection Rates of KNOVA in High-Risk Pregnancies



The detection rate was increased by 60.7% using KNOVA compared to standard NIPS in pregnancies with fetal anomalies.

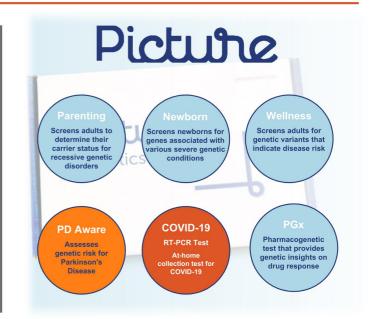


### Consumer Initiated Tests – Picture Genetics

### Targeting the Large Consumer Market with Picture Genetics

Launched in 2019 with significant growth amid COVID-19

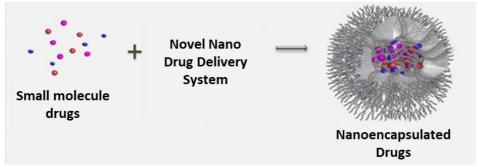
- A consumer-focused offering that merges clinical utility with accuracy of an accredited lab
- Extends Fulgent's NGS capabilities to a broader market
- Validated by successfully scaling to hundreds of thousands of tests performed within months for COVID-19, after receiving an EUA
- Genetic tests utilizes complete sequencing (vs genotyping) by NGS analysis for better, more accurate results
- Patient-friendly with easy to use "order from home" model - no doctor office visits or insurance necessary, though many tests are eligible for reimbursement
- Select full service offering that includes analysis and genetic counseling support





# THERAPEUTIC DEVELOPMENT

# Nano-Drug Delivery Platform Overview



### **Platform Advantage:**

Soluble in both water and various organic solvents and capable of hot melt mixing with APIs

- Many drug candidates in the industry failed during preclinical and clinical development and testing due to poor water solubility
- Nanoencapsulation produces amorphous drug candidates with improved solubility and potentially enhanced absorption, drug PK profiles, safety and efficacy
- Broadly applicable to both IV and oral drug delivery formulations
- Potentially shortened development timeline
- · Plug and play drug delivery platform provides multiple shots on goal
- Simple and low-cost production process



## FID-007 Program Overview

### FID-007 Phase 1/1b First in Human Clinical Trial -**Preliminary Findings (n=46 patients)**

- Dose levels up to 160 mg/m<sup>2</sup>/week with manageable safety profile
  - RP2D at 125 mg/m²/week
- There is preliminary evidence of anti-tumor activity in 46 heavily pre-treated patients across different tumor types (ORR = 17%)
- No high-grade neuropathy often seen in other taxanes
- Updated clinical data presented at ASCO 2024

### FID-007 Phase 1/1b Preliminary Highlights (as of 6/2/24):

### **H&N Cancer**

 45% ORR and 72% DCR were observed in 11 heavily treated HNSCC patients. Among them, 3 out of the 5 patients who achieved a PR had received prior taxane.

### FID-007 Plus Cetuximab Phase 2 Update (as of 10/30/24):

### **H&N Cancer**

· Multiple clinical sites activated (USC, Moffitt, etc.) with 8 patients dosed

### Abstract # 6042: Efficacy from the phase 1 study of FID-007, a novel nanoparticle paclitaxel formulation, in patients with head and neck squamous cell carcinoma



Note: all findings are preliminary

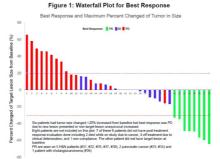
1. DCR includes Stable Disease (SD), Partial Response (PR), Complete Response (CR)

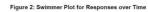


### FID-007 Clinical Data Presented at ASCO 2024

# 2 (18%) 6 (55%) 1 (9%) 2 (18%) 3 (1 - 5)

Table 2: Treatment-related select AE categories (>= 10%) (All patients)						
	Number Of Patients With Maximum Grade Toxicity Experienced (N=46)					
Toxicity	Grade 1 or 2	Grade 3	Grade 4			
Alopecia	24 (52%)	0	0			
Pruritus	20 (43%)	0	0			
Rash maculo-papular	17 (37%)	16 (35%)	0			
Fatigue	17 (37%)	0	0			
Nausea	13 (28%)	0	0			
White blood cell decreased	12 (26%)	6 (13%)	3 (7%)			
Anorexia	12 (26%)	1 (2%)	0			
Neutrophil count decreased	10 (22%)	3 (7%)	6 (13%)			
Dry skin	10 (22%)	1 (2%)	0			
Dysgeusia	10 (22%)	0	0			
Anemia	9 (20%)	8 (17%)	0			
Peripheral sensory neuropathy	9 (20%)	0	0			
Palmar-plantar erythrodysesthesia syndrome	9 (20%)	0	0			
Constipation	6 (13%)	0	0			
Vomiting	6 (13%)	0	0			
Diarrhea	6 (13%)	0	0			





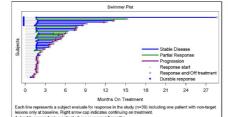
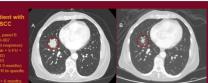


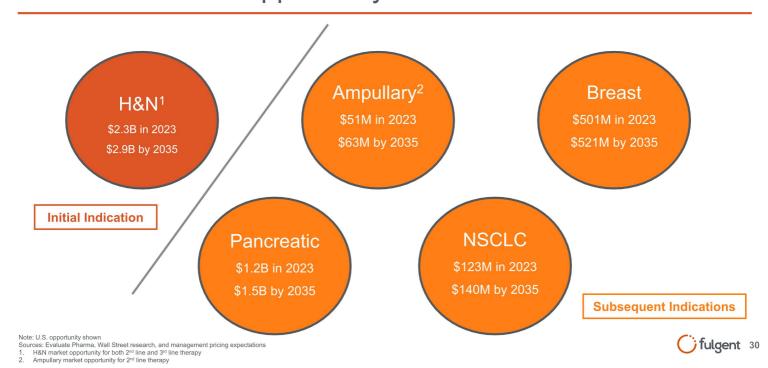
Table 3: Tumor Responses and Outcomes				
Characteristic	Overall, N = 46	HNSCC, N = 11		
Total Courses Completed, Median (Range)	2 (1 - 30)	5 (2-16)		
Best Response'				
PR	8 (17%)	5 (45%)		
SD	16 (35%)	3 (27%)		
PD	21 (46%)	3 (27%)		
Inevaluable	1 (2%)	0 (0%)		
Duration of Follow-up (Months), Median (Range)	12.1 (1.1, 45.9)	4.0 (1.0-15.0)		
PD includes 4 patients who had clinical deteriorations prior to RECIST evalu	ation			



- FID demonstrates preliminary evidence of anti-tumor activity in heavily pre-treated HNSCC pts across different primary tumor sites, with an ORR 45%.
   3 out of the 5 patients who achieved a PR had received prior taxane.
   There has been no grade 3 or higher peripheral neuropathy.
   Phase 2 study of FID combination with cetuximab in pts with HNSCC has begun enrollment.



# Potential Market Opportunity for FID-007



# Pipeline Progress

- FID-007: wholly-owned drug candidate initially focused on Head & Neck (H&N), Pancreatic/Ampullary cancers
  - Seeking initial therapeutic indication for 2<sup>nd</sup> line treatment of H&N cancer
  - Potential FDA approval strategy uses 505(b)(2) studies, which may shorten clinical trial process and accelerate timeline to commercialization
- FID-022 moving toward IND
- Developing a next generation antibody drug conjugate (ADC) technology platform that could potentially provide even broader killings towards heterogeneous cancer cells than those ADCs with the bystander killing effect



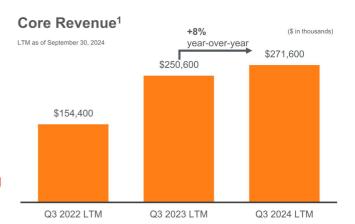
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# FINANCIALS

# **Summary Financial Performance**

9% growth year-over-year

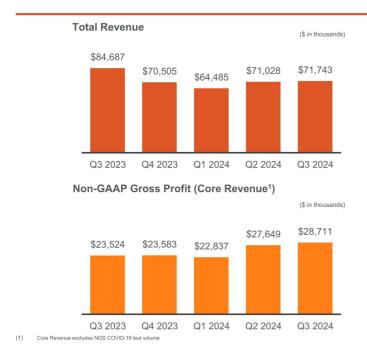
\$11M Last Twelve Months (LTM) Operating Cash Flow as of Q3'24



(1) Core Revenue excludes NGS COVID-19 test volume



# Financial Performance: Revenue and Gross Margin







Q1 2024

Q2 2024

Q3 2024

Q3 2023

Q4 2023

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## 2024 Financial Guidance

Metric	Full Year 2024	Expected Revenue Breakdown			
Core Revenue	\$280M	Precision Diagnostics	\$173M		
Core neveriue	+7% y/y <sup>1</sup>	Anatomic Pathology	\$96M		
GAAP EPS	<b>(\$1.70)</b> <sup>2</sup>	BioPharma Services	\$11M		
Non-GAAP EPS	<b>\$0.33</b> <sup>2</sup>	Core Revenue	\$280M		

Expected Cash, cash equivalents, and investments in marketable securities of approximately \$800 million as of December 31, 2024<sup>3</sup>

Core Revenue excludes NGS COVID-19 test revenue for more accurate year over year comparison purposes.
Improvements from prior guidance of (\$1.95) and (\$0.30), respectively
Cash expenditures may be higher or lower than currently estimated due to a variety of facts and circumstances, including as a result of the Company's ongoing stock repurchase program or other expenditures outside of ordinary course.



# **Balance Sheet**

(in 000's)	Periods Ended					
	Dece	mber 31, 2023	September 30, 2024			
Assets						
Cash & cash equivalents	\$	97,473	\$	58,042		
Marketable securities		326,681		155,027		
Trade accounts receivable, net		51,132		57,315		
Other current assets		32,559		56,155		
Total current assets		507,845		326,539		
Marketable securities, long-term		423,571		602,232		
Intangible assets, net		143.053		137,115		
Fixed assets, net		83,464		106,810		
Goodwill		22,055		22,055		
Redeemable preferred stock investment		20,438		_		
Other long-term assets		34,902		39,012		
Total assets	\$	1,235,328	\$	1,233,763		
Liabilities and Stockholders' Equity						
Accounts payable	\$	15,360	\$	19,805		
Contract liabilities		2,874		2,966		
Customer deposit		22,700		26,945		
Other liabilities		61,108		49,149		
Total liabilities		102,042		98,865		
Stockholders' equity		501,721		532,912		
Accumulated income		634,380		605,533		
Total Fulgent stockholders' equity		1,136,101		1,138,445		
Noncontrolling interest		(2,815)		(3,547)		
Total stockholders' equity		1,133,286		1,134,898		
Total liabilities and stockholders' equity	\$	1,235,328	\$	1,233,763		

(1) \$815M in cash and investments including \$135K of restricted cash included in Other long-term assets.

# Non-GAAP Financial Adjustments

(in 000's)		2023			FY 2024			
	Q1	Q2	Q3	Q4	2023	Q1	Q2	Q3
Revenue	\$66,168	\$67,853	\$84,687	\$70,505	\$289,213	\$64,485	\$71,028	\$71,743
Cost of revenue	47,357	47,281	44,843	45,276	184,757	42,381	44,537	44,972
Gross profit	\$18,811	\$20,572	\$39,844	\$25,229	\$104,456	\$22,104	\$26,491	\$26,771
Gross margin	28.4%	30.3%	47.0%	35.8%	36.1%	34.3%	37.3%	37.3%
Equity-based compensation included in cost of revenue	2,394	2,359	2,621	2,375	9,749	2,009	1,999	1,940
Non-GAAP gross profit (excluding equity-based compensation)	\$21,205	\$22,931	\$42,465	\$27,604	\$114,205	\$24,113	\$28,490	\$28,711
Non-GAAP gross margin	32.0%	33.8%	50.1%	39.2%	39.5%	37.4%	40.1%	40.0%
Operating expenses								
Research and development	\$9,782	\$9,692	\$10,014	\$11,952	\$41,440	\$11,434	\$13,486	\$11,783
Selling and marketing	10,083	10,723	10,161	10,500	41,467	8,989	8,595	9,124
General and administrative	21,802	17,993	17,498	31,706	88,999	21,489	21,326	20,950
Amortization of intangible assets	1,968	1,962	1,957	1,958	7,845	1,990	1,990	1,993
Goodwill impairment loss	_	_	_	120,234	120,234	_	_	_
Total operating expenses	43,635	40,370	39,630	176,350	299,985	43,902	45,397	43,850
Operating profit (loss)	(\$24,824)	(\$19,798)	\$214	(\$151,121)	(\$195,529)	(\$21,798)	(\$18,906)	(\$17,079)
Operating margin	-37.5%	-29.2%	0.3%	-214.3%	-67.6%	-33.8%	-26.6%	-23.8%
Equity-based compensation included in operating expenses	7,871	7,964	8,281	9,057	33,173	9,509	9,636	8,980
Non-GAAP operating profit (loss) (excluding equity-based								
compensation, amortization and goodwill impairment)	(\$12,591)	(\$7,513)	\$13,073	(17,497)	(\$24,528)	(\$8,290)	(\$5,281)	(\$4,166)
Non-GAAP operating margin	-19.0%	-11.1%	15.4%	-24.8%	-8.5%	-12.9%	-7.4%	-5.8%

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