

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

1. Name and Address of Reporting Person* <u>Ryan Jason</u> (Last) (First) (Middle) <u>C/O GENEDX HOLDINGS CORP.</u> (Street) <u>STAMFORD CT 06902</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>GeneDx Holdings Corp. [WGS]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>08/27/2025</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Class A Common Stock	08/27/2025		S		8,818	D	\$125.0729 ⁽¹⁾	132,538	I	By Jason Ryan 2024 GRAT ⁽²⁾
Class A Common Stock	08/27/2025		S		8,969	D	\$126.1536 ⁽³⁾	123,569	I	By Jason Ryan 2024 GRAT ⁽²⁾
Class A Common Stock	08/27/2025		S		5,443	D	\$127.4373 ⁽⁴⁾	118,126	I	By Jason Ryan 2024 GRAT ⁽²⁾
Class A Common Stock	08/27/2025		S		3,452	D	\$128.0408 ⁽⁵⁾	114,674	I	By Jason Ryan 2024 GRAT ⁽²⁾
Class A Common Stock	08/27/2025		S		9,890	D	\$129.5945 ⁽⁶⁾	104,784	I	By Jason Ryan 2024 GRAT ⁽²⁾
Class A Common Stock	08/27/2025		S		1,500	D	\$130.0103 ⁽⁷⁾	103,284	I	By Jason Ryan 2024 GRAT ⁽²⁾
Class A Common Stock	08/27/2025		S		1,150	D	\$129.6461 ⁽⁸⁾	11,904	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Deemed Execution Date, if any (e.g., puts, calls, warrants, options, convertible securities) (Month/Day/Year)	5. Number of Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
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1. Title of Derivative Security	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code (Instr. 8)	5. Number of (D) Derivative	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Shares	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
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Explanation of Responses:

1. The reported price in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$125.44 per share to \$126.62 per share, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.

2. The reporting person is the trustee of the Jason Ryan 2024 GRAT Trust U/A DTD 11/23/23 (the "GRAT"), and the reporting person is the sole annuitant of the GRAT. The reporting person remains the beneficial owner of the securities held by the GRAT.

3. The reported price in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$126.62 per share, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.

4. The reported price in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$127.75 per share, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.

5. The reported price in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$127.76 to \$128.75 per share, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.

6. The reported price in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$128.89 to \$129.88 per share, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.

7. The reported price in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$129.91 to \$130.19 per share, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.

8. The reported price in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$129.50 to \$129.76 per share, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.

/s/ Bridget Brown, Attorney-in-Fact 08/27/2025

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.