

<p style="text-align: center;"><b>Form 5500</b></p> <p style="font-size: small;">Department of the Treasury Internal Revenue Service</p> <hr/> <p style="font-size: small;">Department of Labor Employee Benefits Security Administration</p> <hr/> <p style="font-size: x-small;">Pension Benefit Guaranty Corporation</p>	<p><b>Annual Return/Report of Employee Benefit Plan</b></p> <p style="font-size: x-small;">This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).</p> <p style="text-align: center;"><b>▶ Complete all entries in accordance with the instructions to the Form 5500.</b></p>	<p style="font-size: x-small;">OMB Nos. 1210-0110 1210-0089</p> <hr/> <p style="font-size: large; font-weight: bold; text-align: center;">2022</p> <hr/> <p style="text-align: center; font-weight: bold;">This Form is Open to Public Inspection</p>
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<b>Part I</b>	<b>Annual Report Identification Information</b>
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>	
<b>A</b>	This return/report is for: <input type="checkbox"/> a multiemployer plan <input type="checkbox"/> a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
	<input checked="" type="checkbox"/> a single-employer plan <input type="checkbox"/> a DFE (specify) ____
<b>B</b>	This return/report is: <input type="checkbox"/> the first return/report <input type="checkbox"/> the final return/report
	<input type="checkbox"/> an amended return/report <input type="checkbox"/> a short plan year return/report (less than 12 months)
<b>C</b>	If the plan is a collectively-bargained plan, check here. . . . . <input type="checkbox"/>
<b>D</b>	Check box if filing under: <input checked="" type="checkbox"/> Form 5558 <input type="checkbox"/> automatic extension <input type="checkbox"/> the DFVC program
	<input type="checkbox"/> special extension (enter description)
<b>E</b>	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. . . . . <input type="checkbox"/>

<b>Part II</b>	<b>Basic Plan Information</b> —enter all requested information
<b>1a</b> Name of plan <u>SEMA4 401(K) PLAN</u>	<b>1b</b> Three-digit plan number (PN) ▶ <u>001</u>
	<b>1c</b> Effective date of plan <u>02/01/2018</u>
<b>2a</b> Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>GENEDX HOLDINGS CORP.</u>  <u>333 LUDLOW ST, NORTH TOWER</u> <u>8TH FLOOR</u> <u>STAMFORD, CT 06902-6987</u>	<b>2b</b> Employer Identification Number (EIN) <u>47-5349024</u>
	<b>2c</b> Plan Sponsor's telephone number <u>475-333-3741</u>
	<b>2d</b> Business code (see instructions) <u>621399</u>

**Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.**

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

<b>SIGN HERE</b>	<u>Filed with authorized/valid electronic signature.</u>	<u>10/11/2023</u>	<u>TRACY POLITO</u>
	<b>Signature of plan administrator</b>	Date	Enter name of individual signing as plan administrator
<b>SIGN HERE</b>	<u>Filed with authorized/valid electronic signature.</u>	<u>10/11/2023</u>	<u>TRACY POLITO</u>
	<b>Signature of employer/plan sponsor</b>	Date	Enter name of individual signing as employer or plan sponsor
<b>SIGN HERE</b>	<b>Signature of DFE</b>	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2022)  
v. 220413

<b>3a</b> Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor	<b>3b</b> Administrator's EIN  <b>3c</b> Administrator's telephone number
<b>4</b> If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: <b>a</b> Sponsor's name <b>c</b> Plan Name	<b>4b</b> EIN  <b>4d</b> PN
<b>5</b> Total number of participants at the beginning of the plan year	<b>5</b> 2084
<b>6</b> Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines <b>6a(1)</b> , <b>6a(2)</b> , <b>6b</b> , <b>6c</b> , and <b>6d</b> ).  <b>a(1)</b> Total number of active participants at the beginning of the plan year ..... <b>a(2)</b> Total number of active participants at the end of the plan year .....  <b>b</b> Retired or separated participants receiving benefits ..... <b>c</b> Other retired or separated participants entitled to future benefits..... <b>d</b> Subtotal. Add lines <b>6a(2)</b> , <b>6b</b> , and <b>6c</b> ..... <b>e</b> Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. .... <b>f</b> Total. Add lines <b>6d</b> and <b>6e</b> .....  <b>g</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....  <b>h</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	<b>6a(1)</b> 1855 <b>6a(2)</b> 1513  <b>6b</b> 0 <b>6c</b> 533 <b>6d</b> 2046 <b>6e</b> 2 <b>6f</b> 2048  <b>6g</b> 1317 <b>6h</b> 0
<b>7</b> Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item) .....	<b>7</b>
<b>8a</b> If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2G 2J 2K 2S 2T 3D 3H  <b>b</b> If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:	
<b>9a</b> Plan funding arrangement (check all that apply) (1) <input checked="" type="checkbox"/> Insurance (2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts (3) <input checked="" type="checkbox"/> Trust (4) <input type="checkbox"/> General assets of the sponsor	<b>9b</b> Plan benefit arrangement (check all that apply) (1) <input checked="" type="checkbox"/> Insurance (2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts (3) <input checked="" type="checkbox"/> Trust (4) <input type="checkbox"/> General assets of the sponsor
<b>10</b> Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)	
<b>a Pension Schedules</b> (1) <input checked="" type="checkbox"/> <b>R</b> (Retirement Plan Information)  (2) <input type="checkbox"/> <b>MB</b> (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary  (3) <input type="checkbox"/> <b>SB</b> (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	<b>b General Schedules</b> (1) <input checked="" type="checkbox"/> <b>H</b> (Financial Information) (2) <input type="checkbox"/> <b>I</b> (Financial Information – Small Plan) (3) <input checked="" type="checkbox"/> <b>1 A</b> (Insurance Information) (4) <input checked="" type="checkbox"/> <b>C</b> (Service Provider Information) (5) <input checked="" type="checkbox"/> <b>D</b> (DFE/Participating Plan Information) (6) <input type="checkbox"/> <b>G</b> (Financial Transaction Schedules)

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**Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)**

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**11a** If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) .....  Yes  No

If "Yes" is checked, complete lines 11b and 11c.

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**11b** Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) .....  Yes  No

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**11c** Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code \_\_\_\_\_

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<p><b>SCHEDULE A</b> <b>(Form 5500)</b></p> <p>Department of the Treasury Internal Revenue Service</p> <hr/> <p>Department of Labor Employee Benefits Security Administration</p> <hr/> <p>Pension Benefit Guaranty Corporation</p>	<p><b>Insurance Information</b></p> <p>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</p> <p>▶ <b>File as an attachment to Form 5500.</b></p> <p>▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).</p>	<p>OMB No. 1210-0110</p> <hr/> <p><b>2022</b></p> <hr/> <p><b>This Form is Open to Public Inspection</b></p>
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For calendar plan year 2022 or fiscal plan year beginning **01/01/2022** and ending **12/31/2022**

<p><b>A</b> Name of plan <b>SEMA4 401(K) PLAN</b></p>	<p><b>B</b> Three-digit plan number (PN) ▶</p>	<p><b>001</b></p>
<p><b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>GENEDX HOLDINGS CORP.</b></p>	<p><b>D</b> Employer Identification Number (EIN) <b>47-5349024</b></p>	

**Part I Information Concerning Insurance Contract Coverage, Fees, and Commissions** Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.

**1 Coverage Information:**

(a) Name of insurance carrier  
**PRINCIPAL LIFE INSURANCE COMPANY**

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
42-0127290	61271	466279	2048	01/01/2022	12/31/2022

**2 Insurance fee and commission information.** Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	(b) Total amount of fees paid
0	0

**3 Persons receiving commissions and fees.** (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

**Part II Investment and Annuity Contract Information**  
 Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

<b>4</b> Current value of plan's interest under this contract in the general account at year end.....	<b>4</b>	0
<b>5</b> Current value of plan's interest under this contract in separate accounts at year end.....	<b>5</b>	267576

**6** Contracts With Allocated Funds:

**a** State the basis of premium rates ▶

<b>b</b> Premiums paid to carrier .....	<b>6b</b>	
<b>c</b> Premiums due but unpaid at the end of the year .....	<b>6c</b>	
<b>d</b> If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount..... Specify nature of costs ▶	<b>6d</b>	

**e** Type of contract: (1)  individual policies (2)  group deferred annuity  
 (3)  other (specify) ▶

**f** If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶

**7** Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

**a** Type of contract: (1)  deposit administration (2)  immediate participation guarantee  
 (3)  guaranteed investment (4)  other ▶

**b** Balance at the end of the previous year ..... **7b**

<b>c</b> Additions: (1) Contributions deposited during the year .....	<b>7c(1)</b>		
(2) Dividends and credits.....	<b>7c(2)</b>		
(3) Interest credited during the year.....	<b>7c(3)</b>		
(4) Transferred from separate account.....	<b>7c(4)</b>		
(5) Other (specify below) .....	<b>7c(5)</b>		

(6) Total additions..... **7c(6)**

**d** Total of balance and additions (add lines **7b** and **7c(6)**)..... **7d**

<b>e</b> Deductions:			
(1) Disbursed from fund to pay benefits or purchase annuities during year	<b>7e(1)</b>		
(2) Administration charge made by carrier.....	<b>7e(2)</b>		
(3) Transferred to separate account.....	<b>7e(3)</b>		
(4) Other (specify below) .....	<b>7e(4)</b>		

(5) Total deductions..... **7e(5)**

**f** Balance at the end of the current year (subtract line **7e(5)** from line **7d**)..... **7f** 0

**Part III Welfare Benefit Contract Information**  
 If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

- 8** Benefit and contract type (check all applicable boxes)
- a**  Health (other than dental or vision)     
 **b**  Dental     
 **c**  Vision     
 **d**  Life insurance  
**e**  Temporary disability (accident and sickness)     
 **f**  Long-term disability     
 **g**  Supplemental unemployment     
 **h**  Prescription drug  
**i**  Stop loss (large deductible)     
 **j**  HMO contract     
 **k**  PPO contract     
 **l**  Indemnity contract  
**m**  Other (specify) ▶

**9** Experience-rated contracts:

<b>a</b> Premiums: (1) Amount received .....	<b>9a(1)</b>		
(2) Increase (decrease) in amount due but unpaid .....	<b>9a(2)</b>		
(3) Increase (decrease) in unearned premium reserve.....	<b>9a(3)</b>		
(4) Earned ((1) + (2) - (3)).....		<b>9a(4)</b>	
<b>b</b> Benefit charges (1) Claims paid.....	<b>9b(1)</b>		
(2) Increase (decrease) in claim reserves .....	<b>9b(2)</b>		
(3) Incurred claims (add (1) and (2)).....		<b>9b(3)</b>	
(4) Claims charged .....		<b>9b(4)</b>	
<b>c</b> Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions .....	<b>9c(1)(A)</b>		
(B) Administrative service or other fees .....	<b>9c(1)(B)</b>		
(C) Other specific acquisition costs.....	<b>9c(1)(C)</b>		
(D) Other expenses .....	<b>9c(1)(D)</b>		
(E) Taxes .....	<b>9c(1)(E)</b>		
(F) Charges for risks or other contingencies .....	<b>9c(1)(F)</b>		
(G) Other retention charges.....	<b>9c(1)(G)</b>		
(H) Total retention.....		<b>9c(1)(H)</b>	
(2) Dividends or retroactive rate refunds. (These amounts were <input type="checkbox"/> paid in cash, or <input type="checkbox"/> credited.).....		<b>9c(2)</b>	
<b>d</b> Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement.....		<b>9d(1)</b>	
(2) Claim reserves .....		<b>9d(2)</b>	
(3) Other reserves .....		<b>9d(3)</b>	
<b>e</b> Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).).....		<b>9e</b>	
<b>10</b> Nonexperience-rated contracts:			
<b>a</b> Total premiums or subscription charges paid to carrier .....		<b>10a</b>	
<b>b</b> If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount .....		<b>10b</b>	
Specify nature of costs.			

**Part IV Provision of Information**

**11** Did the insurance company fail to provide any information necessary to complete Schedule A? .....  Yes  No

**12** If the answer to line 11 is "Yes," specify the information not provided. ▶

<b>SCHEDULE C</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Service Provider Information</b>  This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2022</b>  <b>This Form is Open to Public Inspection.</b>
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

<b>A</b> Name of plan <u>SEMA4 401(K) PLAN</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>001</u>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <u>GENEDX HOLDINGS CORP.</u>	<b>D</b> Employer Identification Number (EIN) <u>47-5349024</u>	

**Part I Service Provider Information (see instructions)**

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

**1 Information on Persons Receiving Only Eligible Indirect Compensation**

- a** Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).....  Yes  No
- b** If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

PRINCIPAL LIFE INSURANCE COMPANY

42-0127290

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**2. Information on Other Service Providers Receiving Direct or Indirect Compensation.** Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

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(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13 37 50 64	CONTRACT ADMINISTRATOR	26500	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	0	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

**Part I Service Provider Information (continued)**

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

<b>(a)</b> Enter service provider name as it appears on line 2	<b>(b)</b> Service Codes (see instructions)	<b>(c)</b> Enter amount of indirect compensation
<b>(d)</b> Enter name and EIN (address) of source of indirect compensation	<b>(e)</b> Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
<b>(a)</b> Enter service provider name as it appears on line 2	<b>(b)</b> Service Codes (see instructions)	<b>(c)</b> Enter amount of indirect compensation
<b>(d)</b> Enter name and EIN (address) of source of indirect compensation	<b>(e)</b> Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
<b>(a)</b> Enter service provider name as it appears on line 2	<b>(b)</b> Service Codes (see instructions)	<b>(c)</b> Enter amount of indirect compensation
<b>(d)</b> Enter name and EIN (address) of source of indirect compensation	<b>(e)</b> Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

**Part II Service Providers Who Fail or Refuse to Provide Information**

**4** Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

<b>(a)</b> Enter name and EIN or address of service provider (see instructions)	<b>(b)</b> Nature of Service Code(s)	<b>(c)</b> Describe the information that the service provider failed or refused to provide

<b>(a)</b> Enter name and EIN or address of service provider (see instructions)	<b>(b)</b> Nature of Service Code(s)	<b>(c)</b> Describe the information that the service provider failed or refused to provide

<b>(a)</b> Enter name and EIN or address of service provider (see instructions)	<b>(b)</b> Nature of Service Code(s)	<b>(c)</b> Describe the information that the service provider failed or refused to provide

<b>(a)</b> Enter name and EIN or address of service provider (see instructions)	<b>(b)</b> Nature of Service Code(s)	<b>(c)</b> Describe the information that the service provider failed or refused to provide

<b>(a)</b> Enter name and EIN or address of service provider (see instructions)	<b>(b)</b> Nature of Service Code(s)	<b>(c)</b> Describe the information that the service provider failed or refused to provide

<b>(a)</b> Enter name and EIN or address of service provider (see instructions)	<b>(b)</b> Nature of Service Code(s)	<b>(c)</b> Describe the information that the service provider failed or refused to provide

**Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)**  
(complete as many entries as needed)

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<p align="center"><b>SCHEDULE D (Form 5500)</b></p> <p align="center">Department of the Treasury Internal Revenue Service</p> <hr/> <p align="center">Department of Labor Employee Benefits Security Administration</p>	<p><b>DFE/Participating Plan Information</b></p> <p>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</p> <p>▶ <b>File as an attachment to Form 5500.</b></p>	<p>OMB No. 1210-0110</p> <hr/> <p><b>2022</b></p> <hr/> <p><b>This Form is Open to Public Inspection.</b></p>
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

<b>A</b> Name of plan <u>SEMA4 401(K) PLAN</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>001</u>
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<b>C</b> Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>GENEDX HOLDINGS CORP.</u>	<b>D</b> Employer Identification Number (EIN) <u>47-5349024</u>
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**Part I Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)**  
(Complete as many entries as needed to report all interests in DFEs)

**a** Name of MTIA, CCT, PSA, or 103-12 IE: PRIN REAL ESTATE SECS SA-Z

**b** Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

<b>c</b> EIN-PN <u>42-0127290-095</u>	<b>d</b> Entity code <u>P</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>267576</u>
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**a** Name of MTIA, CCT, PSA, or 103-12 IE: MORLEY STABLE VALUE FUND

**b** Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO

<b>c</b> EIN-PN <u>93-6274329-001</u>	<b>d</b> Entity code <u>C</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>830212</u>
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**a** Name of MTIA, CCT, PSA, or 103-12 IE:

**b** Name of sponsor of entity listed in (a):

<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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**a** Name of MTIA, CCT, PSA, or 103-12 IE:

**b** Name of sponsor of entity listed in (a):

<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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**a** Name of MTIA, CCT, PSA, or 103-12 IE:

**b** Name of sponsor of entity listed in (a):

<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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**a** Name of MTIA, CCT, PSA, or 103-12 IE:

**b** Name of sponsor of entity listed in (a):

<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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**a** Name of MTIA, CCT, PSA, or 103-12 IE:

**b** Name of sponsor of entity listed in (a):

<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
-----------------	----------------------	---

**a** Name of MTIA, CCT, PSA, or 103-12 IE:

**b** Name of sponsor of entity listed in (a):

**a** Name of MTIA, CCT, PSA, or 103-12 IE:

**b** Name of sponsor of entity listed in (a):

**c** EIN-PN

**d** Entity code

**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

**a** Name of MTIA, CCT, PSA, or 103-12 IE:

**b** Name of sponsor of entity listed in (a):

**c** EIN-PN

**d** Entity code

**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

**a** Name of MTIA, CCT, PSA, or 103-12 IE:

**b** Name of sponsor of entity listed in (a):

**c** EIN-PN

**d** Entity code

**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

**a** Name of MTIA, CCT, PSA, or 103-12 IE:

**b** Name of sponsor of entity listed in (a):

**c** EIN-PN

**d** Entity code

**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

**a** Name of MTIA, CCT, PSA, or 103-12 IE:

**b** Name of sponsor of entity listed in (a):

**c** EIN-PN

**d** Entity code

**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

**a** Name of MTIA, CCT, PSA, or 103-12 IE:

**b** Name of sponsor of entity listed in (a):

**c** EIN-PN

**d** Entity code

**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

**a** Name of MTIA, CCT, PSA, or 103-12 IE:

**b** Name of sponsor of entity listed in (a):

**c** EIN-PN

**d** Entity code

**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

**a** Name of MTIA, CCT, PSA, or 103-12 IE:

**b** Name of sponsor of entity listed in (a):

**c** EIN-PN

**d** Entity code

**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

**a** Name of MTIA, CCT, PSA, or 103-12 IE:

**b** Name of sponsor of entity listed in (a):

**c** EIN-PN

**d** Entity code

**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

**a** Name of MTIA, CCT, PSA, or 103-12 IE:

**b** Name of sponsor of entity listed in (a):

**c** EIN-PN

**d** Entity code

**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)



**SCHEDULE H  
(Form 5500)**

Department of the Treasury  
Internal Revenue Service

Department of Labor  
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

**Financial Information**

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code).

► **File as an attachment to Form 5500.**

OMB No. 1210-0110

**2022**

**This Form is Open to Public Inspection**

For calendar plan year 2022 or fiscal plan year beginning **01/01/2022** and ending **12/31/2022**

<b>A</b> Name of plan SEMA4 401(K) PLAN	<b>B</b> Three-digit plan number (PN) ► 001
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 GENEDX HOLDINGS CORP.	<b>D</b> Employer Identification Number (EIN) 47-5349024

**Part I Asset and Liability Statement**

**1** Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

<b>Assets</b>		<b>(a) Beginning of Year</b>	<b>(b) End of Year</b>
<b>a</b> Total noninterest-bearing cash.....	<b>1a</b>		
<b>b</b> Receivables (less allowance for doubtful accounts):			
<b>(1)</b> Employer contributions.....	<b>1b(1)</b>	1056908	966736
<b>(2)</b> Participant contributions.....	<b>1b(2)</b>		1330
<b>(3)</b> Other.....	<b>1b(3)</b>		45464613
<b>c</b> General investments:			
<b>(1)</b> Interest-bearing cash (include money market accounts & certificates of deposit).....	<b>1c(1)</b>		
<b>(2)</b> U.S. Government securities.....	<b>1c(2)</b>		
<b>(3)</b> Corporate debt instruments (other than employer securities):			
<b>(A)</b> Preferred.....	<b>1c(3)(A)</b>		
<b>(B)</b> All other.....	<b>1c(3)(B)</b>		
<b>(4)</b> Corporate stocks (other than employer securities):			
<b>(A)</b> Preferred.....	<b>1c(4)(A)</b>		
<b>(B)</b> Common.....	<b>1c(4)(B)</b>		
<b>(5)</b> Partnership/joint venture interests.....	<b>1c(5)</b>		
<b>(6)</b> Real estate (other than employer real property).....	<b>1c(6)</b>		
<b>(7)</b> Loans (other than to participants).....	<b>1c(7)</b>		
<b>(8)</b> Participant loans.....	<b>1c(8)</b>	720815	713317
<b>(9)</b> Value of interest in common/collective trusts.....	<b>1c(9)</b>	402359	830212
<b>(10)</b> Value of interest in pooled separate accounts.....	<b>1c(10)</b>	292242	267576
<b>(11)</b> Value of interest in master trust investment accounts.....	<b>1c(11)</b>		
<b>(12)</b> Value of interest in 103-12 investment entities.....	<b>1c(12)</b>		
<b>(13)</b> Value of interest in registered investment companies (e.g., mutual funds).....	<b>1c(13)</b>	65987526	70285776
<b>(14)</b> Value of funds held in insurance company general account (unallocated contracts).....	<b>1c(14)</b>		
<b>(15)</b> Other.....	<b>1c(15)</b>		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities.....	1d(1)		
(2) Employer real property.....	1d(2)		
e Buildings and other property used in plan operation.....	1e		
f Total assets (add all amounts in lines 1a through 1e).....	1f	68459850	118529560
<b>Liabilities</b>			
g Benefit claims payable.....	1g		
h Operating payables.....	1h		
i Acquisition indebtedness.....	1i		
j Other liabilities.....	1j		
k Total liabilities (add all amounts in lines 1g through 1j).....	1k	0	0
<b>Net Assets</b>			
l Net assets (subtract line 1k from line 1f).....	1l	68459850	118529560

**Part II Income and Expense Statement**

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

<b>Income</b>		(a) Amount	(b) Total
<b>a Contributions:</b>			
(1) Received or receivable in cash from: (A) Employers.....	2a(1)(A)	9692099	
(B) Participants.....	2a(1)(B)	13771147	
(C) Others (including rollovers).....	2a(1)(C)	3243330	
(2) Noncash contributions.....	2a(2)		
(3) Total contributions. Add lines 2a(1)(A), (B), (C), and line 2a(2).....	2a(3)		26706576
<b>b Earnings on investments:</b>			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit).....	2b(1)(A)		
(B) U.S. Government securities.....	2b(1)(B)		
(C) Corporate debt instruments.....	2b(1)(C)		
(D) Loans (other than to participants).....	2b(1)(D)		
(E) Participant loans.....	2b(1)(E)	43842	
(F) Other.....	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F).....	2b(1)(G)		43842
(2) Dividends:			
(A) Preferred stock.....	2b(2)(A)		
(B) Common stock.....	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds).....	2b(2)(C)	1398288	
(D) Total dividends. Add lines 2b(2)(A), (B), and (C).....	2b(2)(D)		
(3) Rents.....	2b(3)		
(4) Net gain (loss) on sale of assets:			
(A) Aggregate proceeds.....	2b(4)(A)		
(B) Aggregate carrying amount (see instructions).....	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result.....	2b(4)(C)		
(5) Unrealized appreciation (depreciation) of assets:			
(A) Real estate.....	2b(5)(A)		
(B) Other.....	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B).....	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts .....	2b(6)		-57839
(7) Net investment gain (loss) from pooled separate accounts .....	2b(7)		-83955
(8) Net investment gain (loss) from master trust investment accounts .....	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds) .....	2b(10)		-14239683
<b>c</b> Other income .....	2c		
<b>d</b> Total income. Add all <b>income</b> amounts in column (b) and enter total .....	2d		13767229
<b>Expenses</b>			
<b>e</b> Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers .....	2e(1)	9114832	
(2) To insurance carriers for the provision of benefits .....	2e(2)		
(3) Other .....	2e(3)	788	
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		9115620
<b>f</b> Corrective distributions (see instructions) .....	2f		20258
<b>g</b> Certain deemed distributions of participant loans (see instructions) .....	2g		
<b>h</b> Interest expense .....	2h		
<b>i</b> Administrative expenses: (1) Professional fees .....	2i(1)		
(2) Contract administrator fees.....	2i(2)	26254	
(3) Investment advisory and management fees .....	2i(3)		
(4) Other .....	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		26254
<b>j</b> Total expenses. Add all <b>expense</b> amounts in column (b) and enter total .....	2j		9162132
<b>Net Income and Reconciliation</b>			
<b>k</b> Net income (loss). Subtract line 2j from line 2d.....	2k		4605097
<b>l</b> Transfers of assets:			
(1) To this plan .....	2l(1)		45464613
(2) From this plan.....	2l(2)		

**Part III Accountant's Opinion**

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

- (1)  Unmodified (2)  Qualified (3)  Disclaimer (4)  Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

- (1)  DOL Regulation 2520.103-8 (2)  DOL Regulation 2520.103-12(d) (3)  neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: COHNREZNICK LLP

(2) EIN: 22-1478099

d The opinion of an independent qualified public accountant is **not attached** because:

- (1)  This form is filed for a CCT, PSA, or MTIA. (2)  It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

**Part IV Compliance Questions**

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.) .....

	Yes	No	Amount
4a	X		86503

		Yes	No	Amount
<b>b</b> Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.).....	<b>4b</b>		X	
<b>c</b> Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.) .....	<b>4c</b>		X	
<b>d</b> Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.).....	<b>4d</b>		X	
<b>e</b> Was this plan covered by a fidelity bond?.....	<b>4e</b>	X		15000000
<b>f</b> Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty? .....	<b>4f</b>		X	
<b>g</b> Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser? .....	<b>4g</b>		X	
<b>h</b> Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?.....	<b>4h</b>		X	
<b>i</b> Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.).....	<b>4i</b>	X		
<b>j</b> Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.).....	<b>4j</b>		X	
<b>k</b> Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC? .....	<b>4k</b>		X	
<b>l</b> Has the plan failed to provide any benefit when due under the plan? .....	<b>4l</b>		X	
<b>m</b> If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.) .....	<b>4m</b>		X	
<b>n</b> If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3. ....	<b>4n</b>			

**5a** Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?.....  Yes  No  
 If "Yes," enter the amount of any plan assets that reverted to the employer this year \_\_\_\_\_.

**5b** If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

**5c** Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) .....  Yes  No  Not determined  
 If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year \_\_\_\_\_.

<b>SCHEDULE R</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Retirement Plan Information</b>  This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2022</b>  <b>This Form is Open to Public Inspection.</b>
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

<b>A</b> Name of plan <u>SEMA4 401(K) PLAN</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>001</u>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <u>GENEDX HOLDINGS CORP.</u>	<b>D</b> Employer Identification Number (EIN) <u>47-5349024</u>	

<b>Part I</b>	<b>Distributions</b>
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**All references to distributions relate only to payments of benefits during the plan year.**

**1** Total value of distributions paid in property other than in cash or the forms of property specified in the instructions..... 

1	0
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**2** Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):  
EIN(s): 42-0127290

**Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.**

**3** Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year..... 

3	
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<b>Part II</b>	<b>Funding Information</b> (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
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**4** Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? .....  Yes  No  N/A  
**If the plan is a defined benefit plan, go to line 8.**

**5** If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. **Date:** Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_  
**If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.**

<b>6 a</b> Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....	<b>6a</b>	
<b>b</b> Enter the amount contributed by the employer to the plan for this plan year.....	<b>6b</b>	
<b>c</b> Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....	<b>6c</b>	

**If you completed line 6c, skip lines 8 and 9.**

**7** Will the minimum funding amount reported on line 6c be met by the funding deadline? .....  Yes  No  N/A

**8** If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? .....  Yes  No  N/A

<b>Part III</b>	<b>Amendments</b>
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**9** If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.....  Increase  Decrease  Both  No

<b>Part IV</b>	<b>ESOPs</b> (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
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**10** Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?.....  Yes  No

**11 a** Does the ESOP hold any preferred stock?.....  Yes  No

**b** If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.).....  Yes  No

**12** Does the ESOP hold any stock that is not readily tradable on an established securities market?.....  Yes  No

**Part V Additional Information for Multiemployer Defined Benefit Pension Plans**

**13** Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. Complete as many entries as needed to report all applicable employers.

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

**d** Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box  and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

**e** Contribution rate information (If more than one rate applies, check this box  and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

(2) Base unit measure:  Hourly  Weekly  Unit of production  Other (specify): \_\_\_\_\_

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

**d** Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box  and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

**e** Contribution rate information (If more than one rate applies, check this box  and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

(2) Base unit measure:  Hourly  Weekly  Unit of production  Other (specify): \_\_\_\_\_

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

**d** Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box  and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

**e** Contribution rate information (If more than one rate applies, check this box  and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

(2) Base unit measure:  Hourly  Weekly  Unit of production  Other (specify): \_\_\_\_\_

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

**d** Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box  and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

**e** Contribution rate information (If more than one rate applies, check this box  and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

(2) Base unit measure:  Hourly  Weekly  Unit of production  Other (specify): \_\_\_\_\_

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

**d** Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box  and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

**e** Contribution rate information (If more than one rate applies, check this box  and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

(2) Base unit measure:  Hourly  Weekly  Unit of production  Other (specify): \_\_\_\_\_

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

**d** Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box  and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

**e** Contribution rate information (If more than one rate applies, check this box  and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

(2) Base unit measure:  Hourly  Weekly  Unit of production  Other (specify): \_\_\_\_\_

**14** Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

<b>a</b> The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: <input type="checkbox"/> last contributing employer <input type="checkbox"/> alternative <input type="checkbox"/> reasonable approximation (see instructions for required attachment).....	<b>14a</b>	
<b>b</b> The plan year immediately preceding the current plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment) .....	<b>14b</b>	
<b>c</b> The second preceding plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....	<b>14c</b>	

**15** Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

<b>a</b> The corresponding number for the plan year immediately preceding the current plan year.....	<b>15a</b>	
<b>b</b> The corresponding number for the second preceding plan year.....	<b>15b</b>	

**16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

<b>a</b> Enter the number of employers who withdrew during the preceding plan year .....	<b>16a</b>	
<b>b</b> If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....	<b>16b</b>	

**17** If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment .....

**Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans**

**18** If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment .....

**19** If the total number of participants is 1,000 or more, complete lines (a) through (c)

**a** Enter the percentage of plan assets held as:  
 Stock: \_\_\_\_\_% Investment-Grade Debt: \_\_\_\_\_% High-Yield Debt: \_\_\_\_\_% Real Estate: \_\_\_\_\_% Other: \_\_\_\_\_%

**b** Provide the average duration of the combined investment-grade and high-yield debt:  
 0-3 years  3-6 years  6-9 years  9-12 years  12-15 years  15-18 years  18-21 years  21 years or more

**c** What duration measure was used to calculate line 19(b)?  
 Effective duration  Macaulay duration  Modified duration  Other (specify): \_\_\_\_\_

**20 PBGC missed contribution reporting requirements.** If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

**a** Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero?  Yes  No

**b** If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:  
 Yes.  
 No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.  
 No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.  
 No. Other. Provide explanation \_\_\_\_\_

**Sema4 401(k) Plan**

**Financial Statements  
(With Supplementary Information)  
and Independent Auditor's Report**

**December 31, 2022**

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# Sema4 401(k) Plan

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## Independent Auditor's Report

To the Plan Administrator  
Sema4 401(k) Plan

### *Scope and Nature of the ERISA Section 103(a)(3)(C) Audit*

We have performed audits of the financial statements of Sema4 401(k) Plan (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 ("ERISA"), as permitted by ERISA Section 103(a)(3)(C) ("ERISA Section 103(a)(3)(C)"). The financial statements comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year ended December 31, 2022, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the Plan ("investment information") by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA ("qualified institution").

Management has obtained certifications from a qualified institution as of December 31, 2022 and 2021, and for the year ended December 31, 2022, stating that the certified investment information, as described in Note 8 to the financial statements, is complete and accurate.

### *Opinion*

In our opinion, based on our audits and on the procedures performed as described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section:

- The amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- The information in the accompanying financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

### *Basis for Opinion*

We conducted our audits in accordance with auditing standards generally accepted in the United States of America ("GAAS"). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

### *Responsibilities of Management for the Financial Statements*

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for one year after the date that the financial statements are available to be issued.

Management is also responsible for maintaining a current Plan instrument, including all Plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

### *Auditor's Responsibilities for the Audit of the Financial Statements*

Except as described in the *Scope and Nature of the ERISA Section 103(a)(3)(C) Audit* section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audits did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

*Other Matters - Supplemental Schedules Required by ERISA*

The supplemental Schedule of Delinquent Participant Contributions (Schedule H, Line 4a) for the year ended December 31, 2022 and supplemental Schedule of Assets (Held at End of Year) (Schedule H, Line 4i) as of December 31, 2022 are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including the form and content, are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion:

- The form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedules related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).



Hartford, Connecticut  
October 9, 2023

**Sema4 401(k) Plan**

**Statements of Net Assets Available for Benefits  
December 31, 2022 and 2021**

	<u>2022</u>	<u>2021</u>
Assets		
Investments, at fair value	<u>\$ 71,383,564</u>	<u>\$ 66,682,127</u>
Receivables		
Transfer of assets from GeneDx 401(k) Savings Plan	45,464,613	-
Employer contributions	966,736	1,056,908
Notes receivable from participants	713,317	720,815
Participant contributions	<u>1,330</u>	<u>-</u>
Total receivables	<u>47,145,996</u>	<u>1,777,723</u>
Net assets available for benefits	<u><u>\$ 118,529,560</u></u>	<u><u>\$ 68,459,850</u></u>

See Notes to Financial Statements.

**Sema4 401(k) Plan**

**Statement of Changes in Net Assets Available for Benefits  
Year Ended December 31, 2022**

Investment income (loss)	
Dividends	\$ 1,398,288
Net depreciation in fair value of investments	<u>(14,381,477)</u>
Total investment loss	<u>(12,983,189)</u>
Interest income on notes receivable from participants	<u>43,842</u>
Contributions	
Participant	13,771,147
Employer matching	9,692,099
Rollover	<u>3,243,330</u>
Total contributions	<u>26,706,576</u>
Benefits paid to participants	(9,135,878)
Administrative expenses	<u>(26,254)</u>
Increase in net assets prior to transfer	4,605,097
Transfer in from GeneDx 401(k) Savings Plan	45,464,613
Net assets available for benefits	
Beginning	<u>68,459,850</u>
End	<u><u>\$ 118,529,560</u></u>

See Notes to Financial Statements.

## **Sema4 401(k) Plan**

### **Notes to Financial Statements December 31, 2022**

#### **Note 1 - Description of Plan**

The following description of the Sema4 401(k) Plan (the "Plan") provides only general information. Participants should refer to the Plan document, and any amendments thereto, for a more complete description of the Plan's provisions.

##### **General**

The Plan is a defined contribution retirement plan covering all eligible employees of GeneDx Holdings Corp. (formally Sema4 OpCo, Inc.) (the "Company") who are age 18 or older. Eligible employees may enter the Plan on the first day of the month coinciding with or immediately following satisfaction of this eligibility requirement. Employees covered by a collective bargaining (union) agreement and independent contractors are excluded from participation in the Plan. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA"). The Company's Board of Directors is responsible for oversight of the Plan. The Retirement Plan Committee determines the appropriateness of the Plan's investment offerings, monitors investment performance and reports to the Company's Board of Directors.

Effective December 31, 2022, the GeneDx 401(k) Savings Plan merged into the Plan. Employees that were eligible to participate in the GeneDx 401(k) Savings Plan became eligible to participate in the Plan on January 1, 2023. The assets of the GeneDx 401(k) Savings Plan were transferred on January 11, 2023; therefore, a transfer of assets was recorded as a receivable in the amount of \$45,464,613 as of December 31, 2022.

##### **Contributions**

Participants may make salary deferral contributions to the Plan equal to a percentage of their pre-tax annual compensation, as defined by the Plan. Eligible participants may designate all or a portion of their salary deferral contributions as Roth deferral contributions. Participants who have attained age 50 before the end of the Plan year are eligible to make catch-up contributions. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans (rollover). Participants direct the investment of their contributions into various investment options offered by the Plan.

The Plan includes a Qualified Automatic Contribution Arrangement ("QACA") provision whereby all newly eligible employees are automatically enrolled in the Plan unless they affirmatively elect not to participate. Automatically enrolled participants have their pre-tax deferral rate set at 6% of eligible compensation and their contributions invested in a designated Vanguard Target Retirement Fund based on the participant's current age and expected normal retirement date, until changed by the participant. If the participant does not choose a different percentage, the QACA deferral percentage will be automatically increased each January 1<sup>st</sup> by 1%, up to a maximum percentage of 10%.

The Company may, at its discretion, make matching contributions to the Plan. Participants must be active participants of the Plan at any time during the Plan year in order to receive any matching contributions. For the year ended December 31, 2022, the Company elected to make a matching contribution equal to 100% of each participant's elective deferral contributions up to 6% of eligible compensation, as defined by the Plan. Participants also direct the investment of Company contributions. All contributions are subject to certain Internal Revenue Code ("IRC") limitations.

## **Sema4 401(k) Plan**

### **Notes to Financial Statements December 31, 2022**

#### **Participant accounts**

Each participant's account is credited with the participant's contributions and discretionary Company matching contributions, as well as an allocation of Plan earnings. Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan. Allocations are based on participant earnings, account balances, or specific participant transactions as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

#### **Vesting**

Participants are vested immediately in all contributions to their account plus actual earnings thereon.

#### **Notes receivable from participants**

Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. The loans are secured by the vested balance in the participant's account. The loan interest rate is based on the rates available for similar loans from commercial lending institutions. Principal and interest are paid ratably through payroll deductions.

#### **Payment of benefits**

On termination of service for any reason, participants will receive benefits equal to the value of the participant's vested interest in his or her account. Participants with a vested account balance less than \$1,000 will receive a mandatory distribution. For terminated participants with a vested account balance greater than \$1,000, but less than \$5,000, the Plan administrator will make a direct rollover of the participant's account to an Individual Retirement Account designed by the Plan administrator. Participants with a vested account balance greater than \$5,000 may elect to receive their benefit as a lump sum, a specified amount each year, a series of substantially equal payments over a fixed period or may defer payment of benefits until a later date.

Withdrawals from the salary deferral portion of a participant's account may be made in the event of a financial hardship, in accordance with the provisions specified in the Plan. Participants who are at least 59½ years of age or disabled may withdraw all or a portion of their salary deferral and vested employer matching account balances prior to termination. Withdrawals from a participant's rollover account may be made at any time, in accordance with the provisions specified in the Plan.

### **Note 2 - Summary of accounting policies**

#### **Basis of accounting**

The financial statements of the Plan are prepared on the accrual basis of accounting.

#### **Investment valuation and income recognition**

Investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Retirement Plan Committee determines the Plan's valuation policies utilizing information provided by the investment advisers and custodians. See Note 3 for a discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Dividends are recorded on the ex-dividend date. Interest income is recorded on the accrual basis. Net depreciation in fair value of investments includes the Plan's gains and losses on investments bought and sold, as well as held during the period.

## Sema4 401(k) Plan

### Notes to Financial Statements December 31, 2022

#### Notes receivable from participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2022 or 2021.

#### Payment of benefits

Benefits are recorded when paid.

#### Expenses

Certain expenses of maintaining the Plan are paid by the Plan, unless otherwise paid by the Company. Expenses that are paid by the Company are excluded from these financial statements. Fees related to the administration of notes receivable from participants and the processing of distributions are charged directly to the participant's account and are included in administrative expenses. Indirect investment-related expenses are included in the net depreciation in fair value of investments.

#### Use of estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America ("GAAP") requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

#### Subsequent events

The Plan has evaluated subsequent events through October 9, 2023, the date the financial statements were available to be issued. Refer to Note 10 for further information.

### Note 3 - Fair value measurements

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities ("Level 1") and the lowest priority to unobservable inputs ("Level 3"). The three levels of the fair value hierarchy under Financial Accounting Standards Board issued Accounting Standards Codification 820, *Fair Value Measurement*, are described as follows:

Level 1: Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2: Inputs to the valuation methodology include:

- quoted prices for similar assets or liabilities in active markets;
- quoted prices for identical or similar assets or liabilities in inactive markets;
- inputs other than quoted prices that are observable for the asset or liability; and
- inputs that are derived principally from or corroborated by observable market data by correlation or other means.

## Sema4 401(k) Plan

### Notes to Financial Statements December 31, 2022

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3: Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2022 or 2021.

*Mutual funds:* Valued at the daily closing price as reported by the funds. Mutual funds held by the Plan are open-end funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value ("NAV") and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

*Common collective trust fund:* Valued at the NAV of units of a bank collective trust. The NAV, as provided by the custodian, is used as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the fund less its liabilities. This practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different than the reported NAV. Participant transactions (purchased and sales) may occur daily. Were the Plan to initiate a full redemption of the collective trust, the investment advisor reserves the right to temporarily delay withdrawal from the trust in order to ensure that securities liquidations will be carried out in an orderly business manner.

*Pooled separate account:* Valued using the accumulated unit value, which is based on the fair value of the underlying assets of the account. The accumulation unit value is deemed equivalent to NAV, which is used as a practical expedient to estimate fair value. This practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different than the reported NAV. Participant transactions (purchases and sales) may occur daily.

## Sema4 401(k) Plan

### Notes to Financial Statements December 31, 2022

The following tables set forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2022 or 2021. Classification within the fair value hierarchy table is based on the lowest level of any input that is significant to the fair value measurement.

	Assets at fair value as of December 31, 2022			
	Level 1	Level 2	Level 3	Total
Investment within fair value hierarchy				
Mutual funds	\$ 70,285,776	\$ -	\$ -	\$ 70,285,776
Investments measured at NAV(a)				1,097,788
Total investment, at fair value				\$ 71,383,564

	Assets at fair value as of December 31, 2021			
	Level 1	Level 2	Level 3	Total
Investment within fair value hierarchy				
Mutual funds	\$ 65,987,526	\$ -	\$ -	\$ 65,987,526
Investments measured at NAV(a)				694,601
Total investments, at fair value				\$ 66,682,127

(a) In accordance with Subtopic 820-10, certain investments that were measured at NAV per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in these tables are intended to permit reconciliation of the fair value hierarchy to the line item presented in the statements of net assets available for benefits.

#### Fair value of investments in entities that use NAV

The following presents the fair value, unfunded commitments, redemption frequency and redemption notice period for those assets whose fair value is estimated using the NAV per share as of December 31, 2022 or 2021. There are no participant redemption restrictions for these investments; the redemption notice periods are applicable only to the Plan:

	Fair value December 31, 2022	Fair value December 31, 2021	Unfunded commitments	Redemption frequency (if currently eligible)	Redemption notice period
Morley Stable Value Fund	\$ 830,212	\$ 402,359	None	Daily	12 months
Real Estate Securities Separate Account	267,576	292,242	None	Daily	12 months
	\$ 1,097,788	\$ 694,601			

#### Note 4 - Plan termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA.

## **Sema4 401(k) Plan**

### **Notes to Financial Statements December 31, 2022**

#### **Note 5 - Tax status**

The Plan has been designed using a nonstandardized pre-approved defined contribution plan document designed by Principal Life Insurance Company. Principal Life Insurance Company received an opinion letter dated June 30, 2020 in which the Internal Revenue Service ("IRS") stated that the nonstandardized pre-approved defined contribution plan document, as then designed, was in compliance with the applicable requirements of the IRC. Although the Plan itself has not received a determination letter from the IRS, the Plan administrator believes that the Plan is designed, and is currently being operated, in compliance with the applicable requirements of the IRC and, therefore, believes that the Plan is qualified and the related trust is tax-exempt.

GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan is subject to routine audit by taxing jurisdictions; however, there are currently no audit for any tax periods in progress.

#### **Note 6 - Risks and uncertainties**

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near-term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

#### **Note 7 - Related party transactions and party-in-interest transactions**

The Plan includes mutual fund investments managed by Delaware Charter Guarantee and Trust Company d/b/a Principal Trust Company. Plan investments also include a pooled separate account managed by Principal Life Insurance Company and a common collective trust managed by Morley Capital Management, an affiliate of Principal Life Insurance Company. Delaware Charter Guarantee and Trust Company d/b/a Principal Trust Company and Principal Life Insurance Company are the custodians as defined by the Plan and, therefore, these transactions qualify as party-in-interest transactions. Indirect fees incurred by the Plan for investment management services are included in the net depreciation in fair value of investments. Fees paid directly by the Plan to the custodians for the processing of loan and distribution transactions were \$26,254 for the year ended December 31, 2022. The Plan sponsor pays directly any other fees related to the Plan's operations. The Plan allows participants to take loans against their account balances, which are also considered party-in-interest transactions.

#### **Note 8 - Certified investments**

The Plan administrator has elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Investments and notes receivable from participants held at December 31, 2022 or 2021, and investment income (loss) and interest income on notes receivable from participants for the year ended December 31, 2022, that are disclosed in the accompanying financial statements and supplemental Schedule of Assets (Held at End of Year) (Schedule H, Line 4i), were obtained or derived from information supplied to the Plan administrator and certified as complete and accurate by Principal Life Insurance Company and Delaware Charter Guarantee and Trust Company d/b/a Principal Trust Company, the custodians of the Plan.

## **Sema4 401(k) Plan**

### **Notes to Financial Statements December 31, 2022**

#### **Note 9 - Nonexempt transactions**

As reported on the supplemental Schedule of Delinquent Participant Contributions (Schedule H, Line 4a), certain salary deferral contributions were not remitted to the Plan within the time frame specified by the Department of Labor's Regulation 29 CFR 2510.3-102, thus constituting nonexempt transactions between the Plan and the Company for the year ended December 31, 2022. The Company made a corrective contribution of lost earnings related to one pay period that was deposited into the Plan and allocated to the affected participants in February 2022. The Company is currently working with its third-party administrator to correct the remaining delinquent participant contributions relating to payroll for the year ended December 31, 2022. The Company believes that these transactions should not affect the tax-qualified status of the Plan.

#### **Note 10 - Subsequent event**

Effective January 9, 2023, the Plan changed its name to GeneDX Holdings Corp. 401(k) Plan. Also effective January 9, 2023, the Plan reduced its matching contribution formula to 100% of each participant's elective deferral contributions up to 5% of eligible compensation, as defined by the Plan.

## **Supplementary Information**

**Sema4 401(k) Plan  
 EIN: 47-5349024  
 Plan Number: 001**

**Schedule of Delinquent Participant Contributions  
 (Schedule H, Line 4a)  
 Year Ended December 31, 2022**

Participant contributions transferred late to the Plan	Check here if late participant loan repayments are included	Total that constitute nonexempt prohibited transactions			Total fully corrected under VFCP and Prohibited Transaction Exemption 2002-51
		Contributions not corrected	Contributions corrected outside Voluntary Fiduciary Correction Program ("VFCP")	Contributions pending correction in VFCP	
\$ 86,503	✓	\$ 2,465	\$ 84,038	\$ -	\$ -

See Independent Auditor's Report.

**Sema4 401(k) Plan**  
**EIN: 47-5349024**  
**Plan Number: 001**

**Schedule of Assets (Held at End of Year) (Schedule H, Line 4i)**  
**December 31, 2022**

(a)	(b) Identity of issue, borrower, lessor or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(e) Current value
	Mutual funds		
	Vanguard	Vanguard Target Retirement 2045 Fund	\$ 10,061,986
	Vanguard	Vanguard Target Retirement 2040 Fund	8,869,153
	Vanguard	Vanguard Target Retirement 2050 Fund	8,595,538
	Vanguard	Vanguard Target Retirement 2055 Fund	7,436,591
	Vanguard	Vanguard Target Retirement 2035 Fund	6,249,249
	Vanguard	Vanguard Target Retirement 2030 Fund	4,810,521
	Vanguard	Vanguard 500 Index Fund	4,575,781
	Vanguard	Vanguard Target Retirement 2060 Fund	4,176,111
	JPMorgan Investment Management Inc.	JPMorgan Large-Cap Growth Fund	3,776,382
	Vanguard	Vanguard Target Retirement 2025 Fund	2,610,792
	Vanguard	Vanguard Mid-Cap Index Fund	1,307,144
	Vanguard	Vanguard Developed Markets Index Fund	1,063,543
	Vanguard	Vanguard Small-Cap Index Fund	1,053,649
	Dimensional Fund Advisors	DFA U.S. Large-Cap Value Fund	849,422
	Vanguard	Vanguard Total Bond Market Index Fund	650,315
	Capital Group	American Funds New World Fund	546,336
	Dimensional Fund Advisors	DFA U.S. Targeted Value Fund	538,478
	Vanguard	Vanguard Selected Value Fund	503,783
	Loomis Sayles & Company	Loomis Sayles Bond Fund	497,737
	Vanguard	Vanguard Target Retirement 2065 Fund	414,426
	Vanguard	Vanguard Target Retirement 2020 Fund	401,904
	MFS	MFS Mid-Cap Growth Fund	341,906
	PIMCO	PIMCO Total Return Fund	305,750
	ClearBridge Investments	ClearBridge Small-Cap Growth IS Fund	283,066
	Dimensional Fund Advisors	DFA Inflation-Protected Securities Fund	159,937
	Capital Group	American Funds EuroPacific Growth Fund	144,197
	Vanguard	Vanguard Target Retirement Income Fund	<u>62,079</u>
			70,285,776
	Common collective trust fund		
*	Morley Capital Management	Morley Stable Value Fund	830,212
	Pooled separate account		
*	Principal Life Insurance Company	Real Estate Securities Separate Account	267,576
	Participant loans	Interest rates ranging from 5.25% to 9.50%, maturing at various dates, secured by participant account balances	<u>713,317</u>
			<u>\$ 72,096,881</u>
*	Party-in-interest.		

Column (d), "Cost", is omitted as the cost of participant-directed investments is not required to be disclosed.

See Independent Auditor's Report.



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SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

05/20/23

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ANNUITY CONTRACT NUMBER 4-66279

CGS2339

**SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)**

S4 401() P

EIN 47-5349024  
 PLAN NUMBER 001  
 PLAN YEAR 01/01/2022 TO 12/31/2022

(A) Identity of issuer, borrower, lessor or similar party.	(B) Description of investment including maturity date, rate of interest, collateral, par or maturity value.	(C) Description of investment including maturity date, rate of interest, collateral, par or maturity value.	(D) Cost	(E) Current Value
The American Funds	Registered Investment Company Am Fds EuroPacific Grth R6 Fd	Registered Investment Company American Funds NewWorld R6	\$ 0.00	\$ 144,197.33
The American Funds	Registered Investment Company American Funds NewWorld R6	Registered Investment Company ClearBridge Sm Cp Gr IS Fund	\$ 0.00	\$ 546,335.87
Legg Mason	Registered Investment Company DFA Infl Protected Sec I Fund	Registered Investment Company DFA US Large Cap Value I Fd	\$ 0.00	\$ 283,066.08
Dimensional Fund Advisors	Registered Investment Company DFA US Large Cap Value I Fd	Registered Investment Company DFA US Targeted Value I Fund	\$ 0.00	\$ 159,936.65
Dimensional Fund Advisors	Registered Investment Company DFA US Targeted Value I Fund	Registered Investment Company JP Morgan Large Cap Gr R6 Fd	\$ 0.00	\$ 849,421.55
Dimensional Fund Advisors	Registered Investment Company JP Morgan Large Cap Gr R6 Fd	Registered Investment Company Loomis Sayles Bond N Fund	\$ 0.00	\$ 538,477.97
JP Morgan Funds	Registered Investment Company Loomis Sayles Bond N Fund	Common/Collective Trust Morley Stable Value Fund	\$ 0.00	\$ 3,776,381.54
Loomis Sayles	Registered Investment Company Common/Collective Trust	Registered Investment Company MFS Mid-Cap Growth R6 Fund	\$ 0.00	\$ 497,736.89
* Principal Global Investors Trust Co	Registered Investment Company MFS Mid-Cap Growth R6 Fund	Pooled Separate Accounts Prin Real Estate Secs SA-Z	\$ 0.00	\$ 830,212.00
MFS Investment Management	Pooled Separate Accounts Prin Real Estate Secs SA-Z	Registered Investment Company PIMCO Total Return Instl Fund	\$ 0.00	\$ 341,906.23
* Principal Life Insurance Company	Registered Investment Company PIMCO Total Return Instl Fund	Registered Investment Company Vanguard Dev Mkts Index Adm Fd	\$ 0.00	\$ 267,576.10
PIMCO Funds	Registered Investment Company Vanguard Dev Mkts Index Adm Fd	Registered Investment Company Vanguard Mid Cap Index Adm Fd	\$ 0.00	\$ 305,749.62
Vanguard Group	Registered Investment Company Vanguard Mid Cap Index Adm Fd	Registered Investment Company Vanguard Sel Value Inv Fund	\$ 0.00	\$ 1,063,542.59
Vanguard Group	Registered Investment Company Vanguard Sel Value Inv Fund		\$ 0.00	\$ 1,307,144.44
Vanguard Group			\$ 0.00	\$ 503,782.64

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

S4 401() P  
 EIN 47 5349024  
 PLAN NUMBER 001  
 PLAN YEAR 01/01/2022 TO 12/31/2022

(A)	(B) Identity of issuer, borrower, lessor or similar party.	(C) Description of investment including maturity date, rate of interest, collateral, par or maturity value.	(D) Cost	(E) Current Value
	Vanguard Group	Registered Investment Company Vanguard Sm Cap Index Adm Fund	\$ 0.00	\$ 1,053,649.05
	Vanguard Group	Registered Investment Company Vanguard Ttl Bd Mkt Idx Adm Fd	\$ 0.00	\$ 650,315.01
	Vanguard Group	Registered Investment Company Vanguard 500 Index Admiral Fd	\$ 0.00	\$ 4,575,780.71
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT INC INV FUND	\$ 0.00	\$ 62,079.52
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2020 INV FUND	\$ 0.00	\$ 401,904.15
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2025 INV FUND	\$ 0.00	\$ 2,610,792.37
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2030 INV FUND	\$ 0.00	\$ 4,810,521.39
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2035 INV FUND	\$ 0.00	\$ 6,249,249.19
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2040 INV FUND	\$ 0.00	\$ 8,869,152.76
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2045 INV FUND	\$ 0.00	\$ 10,061,985.68
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2050 INV FUND	\$ 0.00	\$ 8,595,537.87
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2055 INV FUND	\$ 0.00	\$ 7,436,591.39
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2060 INV FUND	\$ 0.00	\$ 4,176,111.35
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2065 INV FUND	\$ 0.00	\$ 414,426.48
*	Participant Loans	Range of Interest Rates Rates Range From 5.25% To 9.50%	\$ 0.00	\$ 713,317.00