

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

1. Name and Address of Reporting Person* <u>Schadt Eric</u> (Last) (First) (Middle) <u>C/O SEMA4 HOLDINGS CORP.</u> <u>333 LUDLOW ST, NORTH TOWER, 8TH FL.</u> (Street) <u>STAMFORD CT 06902</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Sema4 Holdings Corp. [SMFR]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chief Executive Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>07/22/2021</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Employee Stock Option (Right to Buy)	\$0.1529	07/22/2021		A		2,564,847		(1)	05/31/2027	Class A Common Stock	2,564,847	(2)	2,564,847	D	
Employee Stock Option (Right to Buy)	\$0.1529	07/22/2021		A		2,264,674		(1)	05/31/2027	Class A Common Stock	2,264,674	(2)	2,264,674	D	
Employee Stock Option (Right to Buy)	\$0.7659	07/22/2021		A		401,699		(3)	10/16/2029	Class A Common Stock	401,699	(2)	401,699	D	
Employee Stock Option (Right to Buy)	\$0.7659	07/22/2021		A		960,472		(3)	10/16/2029	Class A Common Stock	960,472	(2)	960,472	D	
Employee Stock Option (Right to Buy)	\$0.7659	07/22/2021		A		2,311,488		(3)	02/17/2030	Class A Common Stock	2,311,488	(2)	2,311,488	D	

Explanation of Responses:

- This option is fully vested.
- Pursuant to the business combination between the Issuer (which was formerly known as CM Life Sciences, Inc.) and Mount Sinai Genomics, Inc. d/b/a Sema4 ("Sema4"), each share of Sema4 outstanding common stock was automatically converted into the right to shares of the Issuer's Class A Common Stock based on a 1 to 123.8338 exchange ratio ("Exchange Ratio"). In addition, each outstanding Sema4 equity award was automatically converted into a corresponding equity award of the Issuer based on the Exchange Ratio and with the same terms and vesting conditions as the Sema4 equity awards.
- 6.25% of the total shares underlying the option vest in quarterly installments until fully vested, subject to the Reporting Person's continued service to the Issuer on each vesting date.

Remarks:

The merger agreement provides that certain former stockholders and equity award holders of Sema4 will receive additional shares of the Issuer's Class A common stock and awards of restricted stock units upon the achievement of certain vesting conditions.

/s/ Daniel Clark, Attorney-in-Fact 07/26/2021

** Signature of Reporting Person Date

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

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

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

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

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