SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934

(Amendment No. 2)*

SYNLOGIC, INC.

(Name of Issuer)

Common Stock, par value $0.001 per share

(Title of Class of Securities)

(CUSIP Number)

JACOB MA-WEAVER
CABLE CAR CAPITAL, LP, 601 California Street, Suite 1151
San Francisco, CA, 94108
415-857-1965

ANDREW FREEDMAN, ESQ.
OLSHAN FROME WOLOSKY LLP, 1325 Avenue of the Americas
New York, NY, 10019
212-451-2300

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

07/28/2026

(Date of Event Which Requires Filing of This Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. ☐

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

SCHEDULE 13D

CUSIP No.

1	Name of reporting person Funicular Funds, LP		
2	Check the appropriate box if a member of a Group (See Instructions) ☐ (a) ☐ (b)		
3	SEC use only		
4	Source of funds (See Instructions) WC		
5	Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e) ☐		
6	Citizenship or place of organization DELAWARE		
Number of Shares Beneficially Owned by Each Reporting Person With:	7	Sole Voting Power 3,312,219.00	
	8	Shared Voting Power 0.00	
	9	Sole Dispositive Power 3,312,219.00	
	10	Shared Dispositive Power 0.00	
11	Aggregate amount beneficially owned by each reporting person 3,312,219.00		
12	Check if the aggregate amount in Row (11) excludes certain shares (See Instructions) ☐		
13	Percent of class represented by amount in Row (11) 28.3 %		
14	Type of Reporting Person (See Instructions) PN		

SCHEDULE 13D

CUSIP No.

1	Name of reporting person Cable Car Capital, LP
2	Check the appropriate box if a member of a Group (See Instructions) ☐ (a) ☐ (b)
3	SEC use only
4	Source of funds (See Instructions) AF
5	Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)

☐

6	Citizenship or place of organization DELAWARE

Number of Shares Beneficially Owned by Each Reporting Person With:	7	Sole Voting Power 3,312,219.00
	8	Shared Voting Power 0.00
	9	Sole Dispositive Power 3,312,219.00
	10	Shared Dispositive Power 0.00

11	Aggregate amount beneficially owned by each reporting person 3,312,219.00
12	Check if the aggregate amount in Row (11) excludes certain shares (See Instructions) ☐
13	Percent of class represented by amount in Row (11) 28.3 %
14	Type of Reporting Person (See Instructions) IA, PN

SCHEDULE 13D

CUSIP No.

1	Name of reporting person Ma-Weaver Jacob
2	Check the appropriate box if a member of a Group (See Instructions) ☐ (a) ☐ (b)
3	SEC use only
4	Source of funds (See Instructions) OO
5	Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e) ☐
6	Citizenship or place of organization UNITED STATES

Number of Shares Beneficially Owned by Each Reporting Person With:	7	Sole Voting Power 3,312,219.00
	8	Shared Voting Power 0.00
	9	Sole Dispositive Power 3,312,219.00

	10 Shared Dispositive Power 0.00
11	Aggregate amount beneficially owned by each reporting person 3,312,219.00
12	Check if the aggregate amount in Row (11) excludes certain shares (See Instructions) ☐
13	Percent of class represented by amount in Row (11) 28.3 %
14	Type of Reporting Person (See Instructions) IN

SCHEDULE 13D

Item 1. Security and Issuer

(a) Title of Class of Securities:

Common Stock, par value $0.001 per share

(b) Name of Issuer:

SYNLOGIC, INC.

(c) Address of Issuer's Principal Executive Offices:

PO BOX 30, WINCHESTER, MASSACHUSETTS , 01890.

Item 1 Comment: The following constitutes Amendment No. 2 to the Schedule 13D filed by the undersigned ("Amendment No. 2") relating to the Common Stock, par value $0.001 per share (the "Shares"), of Synlogic, Inc. (the "Issuer"). This Amendment No. 2 amends the Schedule 13D filed by the Reporting Persons as specifically set forth herein. Capitalized terms used but not otherwise defined herein have the meanings ascribed to such terms in the Schedule 13D.

Item 4. Purpose of Transaction

Item 4 is hereby amended to add the following: On July 28, 2026, the Issuer entered into an Agreement and Plan of Merger (the "Merger Agreement") by and among the Issuer, Caldera Therapeutics, Inc., a Delaware corporation ("Caldera"), Sonic Holdco, Inc., a Delaware corporation ("Parent"), Yellowstone Merger Sub, Inc., a Delaware corporation and a direct, wholly owned subsidiary of Parent ("Caldera Merger Sub"), and Sonic Merger Sub, Inc., a Delaware corporation and a direct, wholly owned subsidiary of Parent ("Synlogic Merger Sub"). Pursuant to and subject to the terms of the Merger Agreement, among other things, the Issuer will be merged with and into Synlogic Merger Sub, with the Issuer surviving as a wholly owned subsidiary of Parent (the "Merger"), as more fully described in the Form 8-K filed by the Issuer with the Securities and Exchange Commission on July 29, 2026. Concurrently with the execution of the Merger Agreement, the Reporting Persons entered into a Support Agreement (the "Support Agreement") with Caldera and the Issuer. Under the terms of the Support Agreement, the Reporting Persons have agreed to vote all of their Shares in favor of the Merger and the adoption of the Merger Agreement and against any proposal made in opposition to, or in competition with, the Merger Agreement or the Merger. In addition, the Reporting Persons have agreed not to take certain actions, including (i) selling or transferring any Shares (subject to certain exceptions), (ii) granting any proxies or powers of attorney with respect to the Shares, and (iii) exercising any appraisal rights with respect to the Merger. The Reporting Persons have, subject to certain conditions, also granted an irrevocable proxy to the Issuer to vote the Shares on the supported matters. The Support Agreement terminates in certain circumstances, including, among others, upon the valid termination of the Merger Agreement in accordance with its terms and by written agreement of the parties thereto. The foregoing description of the Support Agreement does not purport to be complete and is qualified in its entirety by reference to the full text of the form of Support Agreement, which is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Item 6. Contracts, Arrangements, Understandings or Relationships With Respect to Securities of the Issuer

Item 6 is hereby amended to add the following: On July 28, 2026, the Reporting Persons entered into the Support Agreement as defined and described in Item 4 above.

Item 7. Material to be Filed as Exhibits.

Item 7 is hereby amended to add the following exhibit: 99.1 - Form of Support Agreement (incorporated by reference to Ex. 10.1 to the Issuer's Current Report on Form 8-K, filed with the Securities and Exchange Commission on July 29, 2026).

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Funicular Funds, LP

Signature: /s/ Jacob Ma-Weaver
Name/Title: Jacob Ma-Weaver, Managing Member
Date: 07/29/2026

Cable Car Capital, LP

Signature: /s/ Jacob Ma-Weaver
Name/Title: Jacob Ma-Weaver, Managing Member
Date: 07/29/2026

Ma-Weaver Jacob

Signature: /s/ Jacob Ma-Weaver
Name/Title: Jacob Ma-Weaver
Date: 07/29/2026