UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

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

Date of Report (Date of earliest event reported): January 10, 2025

SYNLOGIC, INC.

(Exact name of Registrant as Specified in Its Charter)

Delaware (State or Other Jurisdiction of Incorporation) 001-37566 (Commission File Number) 26-1824804 (IRS Employer Identification No.)

PO Box 30
Winchester, Massachusetts
(Address of Principal Executive Offices)

01890 (Zip Code)

Registrant's Telephone Number, Including Area Code: (617) 659-2802

	(Former	Not applicable Name or Former Address, if Change	d Since Last Report)				
			<u> </u>				
	appropriate box below if the Form 8-K filing is rovisions (see General Instruction A.2. below):	•	tisfy the filing obligation of the registrant under any of the				
	□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)						
	□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)						
	☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))						
	□ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))						
	Securities	registered pursuant to Secti	on 12(b) of the Act:				
		Trading					
	Title of each class	Symbol(s)	Name of each exchange on which registered				
Common Stock, par value \$0.001 per share		SYBX	The NASDAQ Capital Market				
	Preferred Stock Purchase Rights	N/A	The NASDAQ Capital Market				
-	check mark whether the registrant is an emergi of the Securities Exchange Act of 1934 (17 CF		ed in Rule 405 of the Securities Act of 1933 (17 CFR § 230.405) or				

Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR § 240.12b-2).

Emerging growth company \square

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.						
On January 10, 2025, Nick Leschly tendered his resignation as a member of the board of directors (the "Board") of Synlogic, Inc. (the "Company") and as a member of the compensation committee of the Board, effective immediately. Mr. Leschly's resignation was voluntary and did not result from any disagreement with the Company on any matter relating to the Company's operations, policies or practices.						

SIGNATURES

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

Date: January 14, 2025 Synlogic, Inc.

By: /s/ Mary Beth Dooley

Name: Mary Beth Dooley

Title: Principal Executive Officer and Principal Financial Officer