UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

SCHEDULE 14A

Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934

Securities Exchange Act of

(Amendment No.

Filed by the Registrant $extsf{i}$

Filed by a Party other than the Registrant \Box

)

Check the appropriate box:

□ Preliminary Proxy Statement

□ Confidential, for Use of the Commission Only (as permitted by Rule 14a6(e)(2))

□ Definitive Proxy Statement

Definitive Additional Materials

□ Soliciting Material Pursuant to §240.14a12

SYNLOGIC, INC. (Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

☑ No fee required.

□ Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.

1) Title of each class of securities to which transaction applies:

2) Aggregate number of securities to which transaction applies:

Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):

4) Proposed maximum aggregate value of transaction:

5) Total fee paid:

□ Fee paid previously with preliminary materials.

Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing:

1) Amount previously paid:

2) Form, Schedule or Registration Statement No:

3) Filing party:

4) Date Filed:

*** Exercise Your *Right* to Vote *** Important Notice Regarding the Availability of Proxy Materials for the Shareholder Meeting to Be Held on June 04, 2020

SYNLOGIC, INC.	Meeting Information Meeting Type: Annual Meeting For holders as of: April 09, 2020 Date: June 04, 2020 Time:9:00 AM EST Location: Meeting exclusively online via live audio webcast www.virtualshareholdermeeting.com/SYBX2020 D D E
SYNLOGIC INC. 301 BINNEY ST. STE 402 CAMBRIDGE. MA 02142 Investor Address Line 1 Investor Address Line 2 Investor Address Line 3 Investor Address Line 4	For a space of the second shares in the above named company. This is not a ballot. You cannot use this notice to vote these shares. This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. You may view the proxy materials online at www.proxyvote.com or easily request a paper copy (see reverse side).
Investor Address Line 5 John Sample 1234 ANYWHERE STREET ANY CITY, ON A1A 1A1	We encourage you to access and review all of the important information contained in the proxy materials before voting. See the reverse side of this notice to obtain proxy materials and voting instructions.
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— Before You Vote —

How to Access the Proxy Materials

Proxy Material	s Available to VIEW or RECEIVE:
I. Notice & Proxy Staten	nent 2. Annual Report
How to View O	nline:
	ation that is printed in the box marked by the arrow \rightarrow <u>xxxx xxxx xxxx xxxx</u> (located on the nd visit: www.proxyvote.com.
How to Reques	st and Receive a PAPER or E-MAIL Copy:
If you want to re requesting a copy	ceive a paper or e-mail copy of these documents, you must request one. There is NO charge for Please choose one of the following methods to make your request: I) BY INTERNET: www.proxyvote.com 2) BY TELEPHONE: I-800-579-1639 3) BY E-MAIL*: sendmaterial@proxyvote.com
	naterials by e-mail, please send a blank e-mail with the information that is printed in the box marked
by the arrow -	XXXX XXXX XXXX XXXX (located on the following page) in the subject line.
	tions and other inquiries sent to this e-mail address will NOT be forwarded to your investment ake the request as instructed above on or before May 21, 2020 to facilitate timely delivery.

How To Vote –

Please Choose One of the Following Voting Methods

Vote In Person: Many shareholder meetings have attendance requirements including, but not limited to, the possession of an attendance ticket issued by the entity holding the meeting. Please check the meeting materials for any special requirements for meeting attendance. At the meeting, you will need to request a ballot to vote these shares.

Vote By Internet: To vote now by Internet, go to www.proxyvote.com. Have the information that is printed in the box marked by the arrow \rightarrow [xxxx xxxx xxxx xxxx] available and follow the instructions.

Vote By Mail: You can vote by mail by requesting a paper copy of the materials, which will include a proxy card.

Internal Use Only

Voting items

The Board of Directors recommends you vote FOR the following:

1. Election of Class II Directors

Nominees

01 Peter Barrett, Ph.D. 02 Edward Mathers

The Board of Directors recommends you vote FOR the following proposal:

2 Ratification of Appointment of KPMG LLP as Independent Registered Public Accounting Firm for Fiscal Year Ended December 31, 2020.

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NOTE: Such other business as may properly come before the meeting or any adjournment thereof.

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