UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 14A INFORMATION

Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934 (Amendment No.)

Filed by the Registrant X Filed by a party other than the Registrant Check the appropriate box:
Check the appropriate hove
Check the appropriate box.
□ Preliminary Proxy Statement
☐ Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
☐ Definitive Proxy Statement
x Definitive Additional Materials
□ Soliciting Material Pursuant to §240.14a-12
2seventy bio, 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 all boxes that apply):
X No fee required.
\square Fee paid previously with preliminary materials.
☐ Fee computed on table in exhibit required by Item 25(b) per Exchange Act Rules 14a-6(i)(1) and 0-11.



2SEVENTY BIO, INC.

2022 Annual Meeting Vote by June 7, 2022 11:59 PM ET



D82784-P70507

You invested in 2SEVENTY BIO, INC. and it's time to vote!

You have the right to vote on proposals being presented at the Annual Meeting. This is an important notice regarding the availability of proxy material for the shareholder meeting to be held on June 8, 2022.

Get informed before you vote

2seventybio/

View the Annual Report and Notice and Proxy Statement online OR you can receive a free paper or email copy of the material(s) by requesting them prior to May 25, 2022. If you would like to request a copy of the material(s) for this and/or future shareholder meetings, you may (1) visit www.ProxyVote.com, (2) call 1-800-579-1639 or (3) send an email to sendmaterial@proxyvote.com. If sending an email, please include your control number (indicated below) in the subject line. Unless requested, you will not otherwise receive a paper or email copy.



For complete information and to vote, visit www.ProxyVote.com **

Control #

Smartphone users

Point your camera here and vote without entering a control number





Vote Virtually at the Meeting*

June 8, 2022 8:30 AM EDT

Virtually at: www.virtualshareholdermeeting.com/TSVT2022

^{*}Please check the meeting materials for any special requirements for meeting attendance.

** No personal information, other than the control number above, is necessary to execute a proxy.

THIS IS NOT A VOTABLE BALLOT

This is an overview of the proposals being presented at the upcoming shareholder meeting. Please follow the instructions on the reverse side to vote on these important matters.

Voting Items	Recommends
1. Election of Class I Directors	
Nominees:	
01) Nick Leschly 02) Ramy Ibrahim, M.D.	For
STORM CONTROL OF THE PROPERTY	
To ratify the selection of Ernst & Young LLP as our independent registered public accounting firm for the fiscal year ending December 31, 2022.	For
NOTE: The Board of Directors will consider and act upon such other business as may properly come before the meeting or any adjournment thereof.	
Prefer to receive an email instead? While voting on www.ProxyVote.com, be sure to click "Sign up for E-de	livery".

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