

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

October 18, 2021

Nick Leschly Chief Executive Officer 2seventy bio, Inc. 60 Binney Street Cambridge, MA 02142

Re: 2seventy bio, Inc.

Amendment No. 1 to Registration Statement on Form 10-12B

Exhibit Nos. 10.11 and 10.14 – 10.17

Filed October 8, 2021 File No. 001-40791

Dear Mr. Leschly:

We have concluded our assessment of your redacted exhibits for compliance with applicable form requirements and will process your supplemental response and related materials in accordance with your request.

Sincerely,

Division of Corporation Finance