

November 10, 2022

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

Re: 2seventy bio, Inc.
Registration

Statement on Form S-3

Filed November 7,

2022

File No. 333-268222

Dear Nick Leschly:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Tyler

Howes at 202-551-3370 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc:

Yasin Akbari, Esq.