

December 4, 2023

Chip Baird
Chief Operating Officer
2seventy bio, Inc.
60 Binney Street
Cambridge, Massachusetts 02142

Re: 2seventy bio, Inc.
Form 10-K for the

Fiscal Year Ended December 31, 2022
2023

Filed March 16,
File No. 001-40791

Dear Chip Baird:

We have completed our review of your filing. 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.

Sincerely,

Division of Corporation Finance
Office of Life Sciences