

September 25, 2023

Michael Jensen
Chief Financial Officer
Synlogic, Inc.
301 Binney St., Suite 402
Cambridge, MA 02142

Re: Synlogic, Inc.
Form 10-K for the
Filed March 29,
File No. 001-37566

Fiscal Year Ended December 31, 2022
2023

Dear Michael Jensen:

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