



DIVISION OF
CORPORATION FINANCE

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

August 13, 2025

Mary Beth Dooley
Principal Executive Officer
Synlogic, Inc.
PO Box 30
Winchester, MA 01890

Re: Synlogic, Inc.
Registration Statement on Form S-3
Filed August 8, 2025
File No. 333-289415

Dear Mary Beth Dooley:

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 Doris Stacey Gama at 202-551-3188 with any questions.

Sincerely,

Division of Corporation Finance
Office of Life Sciences

cc: Nishant Dharia, Esq.