



DIVISION OF  
CORPORATION FINANCE

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

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 Fiscal Year Ended December 31, 2022**  
**Filed March 29, 2023**  
**File No. 001-37566**

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