

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

March 18, 2024

James Hayward, Ph.D., Sc.D. Chief Executive Officer Applied DNA Sciences, Inc. 50 Health Sciences Drive Stony Brook, New York 11790

> Re: Applied DNA Sciences, Inc. Registration Statement on Form S-1 Filed March 12, 2024 File No. 333-277832

Dear James Hayward:

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 Jane Park at 202-551-7439 with any questions.

Sincerely,

Division of Corporation Finance Office of Industrial Applications and Services

cc: Todd Kornfeld, Esq.