



DIVISION OF  
CORPORATION FINANCE

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

June 14, 2024

R. Erik Holmlin, Ph.D.  
Chief Executive Officer  
Bionano Genomics, Inc.  
9540 Towne Centre Drive, Suite 100  
San Diego, California 92121

**Re: Bionano Genomics, Inc.**  
**Registration Statement on Form S-3**  
**Filed June 10, 2024**  
**File No. 333-280098**

Dear R. Erik Holmlin:

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: Marc Rivera, Esq.