

May 19, 2020

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

Inc

Statement on Schedule 14A

Re: Bionano Genomics,

Preliminary Proxy

Filed May 13, 2020

File No. 001-38613

Dear Mr. Holmlin:

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

cc:

James Pennington, Esq.