

William Slattery, CFA
Vice President
Listing Qualifications

By Electronic Mail

August 20, 2018

Division of Corporation Finance
U.S. Securities and Exchange Commission
100 F Street, N.E.
Washington, D.C. 20549

Division of Corporation Finance:

This is to certify that on August 17, 2018 The Nasdaq Stock Market (the "Exchange") received from Bionano Genomics, Inc. (the "Registrant") a copy of the Registrant's application on Form 8-A 12(b) for the registration of the following securities:

Units, each consisting of one share of common stock and one warrant to purchase one share of common stock
Common Stock, \$0.0001 par value per share
Warrants, exercisable for one share of common stock

We further certify that the securities described above have been approved by the Exchange for listing and registration upon official notice of issuance.

We understand that the Registrant is seeking effectiveness of the Form 8-A 12(b) concurrently with effectiveness of its 1933 Act Registration Statement, and we hereby join in such request.

Sincerely,

