

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

| OMB APPROVAL | |
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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|---|---|--|--|
| 1. Name and Address of Reporting Person* <u>Chaubey Alka</u> <hr/> (Last) (First) (Middle) C/O BIONANO GENOMICS, INC. 9540 TOWNE CENTRE DRIVE, SUITE 100 <hr/> (Street) SAN DIEGO CA 92121 <hr/> (City) (State) (Zip) | 2. Date of Event Requiring Statement (Month/Day/Year) 08/31/2020 | 3. Issuer Name and Ticker or Trading Symbol <u>Bionano Genomics, Inc [BNGO]</u> | |
| | | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) Chief Medical Officer | 5. If Amendment, Date of Original Filed (Month/Day/Year) 09/03/2020 |
| 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person | | | |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
|---------------------------------|---|--|---|

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|-----------------|---|--|--|---|
| | Date Exercisable | Expiration Date | | | | |
| Stock Option (right to buy) | (1) | 07/14/2030 | Common Stock | 10,000 | 0.5 | D |
| Stock Option (right to buy) | (2) | 04/30/2029 | Common Stock | 5,000 | 4.03 | D |
| Stock Option (right to buy) | (3) | 09/30/2028 | Common Stock | 10,210 | 7.77 | D |

Explanation of Responses:

- The shares vest in 48 equal monthly installments from July 15, 2020, such that the option shall be fully vested and exercisable on the four-year anniversary of such date.
- The shares vest in 48 equal monthly installments from May 1, 2019, such that the option shall be fully vested and exercisable on the four-year anniversary of such date.
- 25% of the shares vested on October 1, 2019, and the remaining shares vest in 36 equal monthly installments thereafter.

Remarks:

/s/ R. Erik Holmlin,
Attorney-in-Fact

04/23/2021

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.