

OMB APPROVAL	
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

1. Name and Address of Reporting Person* <b>TWOMEY CHRISTOPHER J</b>  (Last) (First) (Middle) <b>C/O BIONANO GENOMICS, INC.</b> <b>9540 TOWNE CENTRE DRIVE, SUITE 100</b>  (Street) <b>SAN DIEGO CA 92121</b>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <b>Bionano Genomics, Inc [ BNGO ]</b>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  <input checked="" type="checkbox"/> Director 10% Owner  Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <b>04/06/2020</b>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	04/06/2020		A <sup>(1)</sup>		45,000	A	\$0.32 <sup>(2)</sup>	64,500	I	C J TWOMEY & R J TWOMEY TTEES, C J & R J TWOMEY FAMILY TRUST, UAD 9/20/2002

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					
Common Stock Warrants (right to buy)	\$0.33	04/06/2020		A <sup>(1)</sup>		45,000		04/06/2020	04/06/2025	Common Stock 45,000	\$0.01 <sup>(2)</sup>	45,000	I	C J TWOMEY & R J TWOMEY TTEES, C J & R J TWOMEY FAMILY TRUST, UAD 9/20/2002

**Explanation of Responses:**

- Acquired from the Issuer pursuant to an Underwriting Agreement dated April 1, 2020 with a closing date of April 6, 2020. The Underwriting Agreement and the issuance of the securities thereunder was approved by the Issuer's Board of Directors.
- The total per share and accompanying common warrant price offered in the public offering is \$0.33. Each share of common stock is being sold together with a common warrant to purchase one share of the Company's common stock. The public offering price, per share is \$0.32 and per common warrant is \$0.01.

**Remarks:**

/s/ Heather Adams, Attorney-in-fact 04/07/2020

\*\* 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 4 (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.

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