

FORM 3

**UNITED STATES SECURITIES AND EXCHANGE
COMMISSION**

Washington, D.C. 20549

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF
SECURITIES**

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

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>OLDAKOWSKI MARK</u> (Last) (First) (Middle) <u>C/O BIONANO GENOMICS, INC.</u> <u>9540 TOWNE CENTRE DRIVE,</u> <u>SUITE 100</u> (Street) <u>SAN</u> <u>CA</u> <u>92121</u> <u>DIEGO</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>08/03/2026</u>	3. Issuer Name and Ticker or Trading Symbol <u>Bionano Genomics, Inc. [BNGO]</u> Foreign Trading Symbol	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner ☒ Officer (give title below) Other (specify below) <u>Chief Operating Officer</u>	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) ☒ Form filed by One Reporting Person 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	Title	Amount or Number of Shares			
<u>Stock Option (Right to Buy)</u>	<u>(1)</u>	<u>08/02/2036</u>	<u>Common Stock</u>	<u>15,000</u>	<u>1.12</u>	<u>D</u>	

Explanation of Responses:

1. The shares subject to the option vest 50% of the total on each of the first and second anniversaries of the vesting commencement date, in each case subject to the Reporting Person's Continuous Service (as defined in the Company's 2018 Plan) through each applicable vesting date.

/s/ Jonathan V. Dixon,
Attorney-in-Fact

08/05/2026

** 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.