

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

---

SCHEDULE 13G  
(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT  
TO RULES 13d-1(b),(c) AND (d) AND AMENDMENTS THERETO FILED  
PURSUANT TO RULE 13d-2(b)  
(Amendment No. 1)<sup>1</sup>

Bionano Genomics, Inc.  
(Name of Issuer)

---

Common Stock, \$0.0001 par value  
(Title of Class of Securities)

---

09075F107  
(CUSIP Number)

---

December 31, 2020  
Date of Event Which Requires Filing of this Statement

---

Check the appropriate box to designate the rule pursuant to which this Schedule is Filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

---

<sup>1</sup>The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page. The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act.

1)	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only) (Voluntary)  Domain Partners VIII, L.P.		
2)	Check the Appropriate Box if a Member of a Group	(a) <input checked="" type="checkbox"/>	(b) <input type="checkbox"/>
3)	SEC Use Only		
4)	Citizenship or Place of Organization		Delaware
		5) Sole Voting Power	-0-
	Number of Shares Beneficially Owned by Each Reporting Person With	6) Shared Voting Power	-0-
		7) Sole Dispositive Power	-0-
		8) Shared Dispositive Power	-0-
9)		Aggregate Amount Beneficially Owned by Each Reporting Person	
10)	Check if the Aggregate Amount in Row (9) Excludes Certain Shares <input type="checkbox"/>		
11)	Percent of Class Represented by Amount in Row (9)		-0-
12)	Type of Reporting Person		PN

1)	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only) (Voluntary)  DP VIII Associates, L.P.		
2)	Check the Appropriate Box if a Member of a Group	(a) <input checked="" type="checkbox"/>	(b) <input type="checkbox"/>
3)	SEC Use Only		
4)	Citizenship or Place of Organization		Delaware
		5) Sole Voting Power	-0-
	Number of Shares Beneficially Owned by Each Reporting Person With	6) Shared Voting Power	-0-
		7) Sole Dispositive Power	-0-
		8) Shared Dispositive Power	-0-
9)		Aggregate Amount Beneficially Owned by Each Reporting Person	-0-
10)	Check if the Aggregate Amount in Row (9) Excludes Certain Shares <input type="checkbox"/>		
11)	Percent of Class Represented by Amount in Row (9)		-0-
12)	Type of Reporting Person		PN

Amendment No. 1 to Schedule 13G (FINAL AMENDMENT)

Reference is hereby made to the statement on Schedule 13G filed with the Securities and Exchange Commission by the Reporting Persons with respect to the Common Stock of the Issuer on January 11, 2019 (the "Schedule 13G"). Terms defined in the Schedule 13G are used herein as so defined.

The following items of the Schedule 13G are hereby amended and restated as follows:

Item 4 – Ownership.

(a) through (c):

The information requested in these paragraphs is incorporated herein by reference to the cover pages to this Amendment No. 1 to Schedule 13G. In addition, as of December 31, 2020, Domain Associates, L.L.C., an affiliate and the investment manager of the Reporting Persons, directly beneficially owned 140 shares of Common Stock, or less than 0.1% of the Common Stock outstanding.

Item 5 – Ownership of Five Percent or Less of a Class:

If this statement is being filed to report the fact that the Reporting Persons have ceased to be the beneficial owners of more than five percent of the Common Stock, check the following:

Signature

After reasonable inquiry and to the best of their knowledge and belief, the undersigned hereby certify that the information set forth in this statement is true, complete and correct.

Dated: January 20, 2021

DOMAIN PARTNERS VIII, L.P.

By: One Palmer Square Associates VIII, L.L.C., General Partner

By: /s/ Lisa A. Kraeutler  
Attorney-in-Fact

DP VIII ASSOCIATES, L.P.

By: One Palmer Square Associates VIII, L.L.C., General Partner

By: /s/ Lisa A. Kraeutler  
Attorney-in-Fact