UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

CC	LTT.	NII	TT	12D
5 U.	ПC.	υU	LE	13D

Under the Securities Exchange Act of 1934 (Amendment No.)*

Bionano Genomics, Inc.

(Name of Issuer)

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

09075F107 (CUSIP Number)

Junfeng Wang
Legend Capital
16/F, Tower B, Raycom Infotech Park
No.2 Kexueyuan South Road, Zhongguancun
Haidian District, Beijing 100190
People's Republic of China
(86) 10 8913 9758
(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

August 21, 2018 (Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of $\S240.13d-1(e)$, 240.13d-1(f) or 240.13d-1(g), check the following box. \square

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for other parties to whom copies are to be sent.

* 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 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, *see* the *Notes*).

(1)	Name of Reporting Persons					
	LC Fund VI, L.P.					
(2)	Check ti (a) □		ropriate Box if a Member of a Group (see instructions) ⊠(1)			
	, ,	, ,				
(3)	SEC US	SE ONL	Y			
(4)	Source	of Fund	s (see instructions)			
	WC					
(5)	Check i	f Disclo	osure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) \Box			
(6)	Citizens	hip or l	Place of Organization			
	Caym	an Isla	ands			
		(7)	Sole Voting Power			
Num	iber of		426,900			
	ares	(8)	Shared Voting Power			
Owr	ficially ned by		0			
	ach orting	(9)	Sole Dispositive Power			
Pe	rson ith:		426,900			
, vv	iui.	(10)	Shared Dispositive Power			
			0			
(11)	Aggrega	ate Amo	ount Beneficially Owned by Each Reporting Person			
	426,90					
(12)	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (see instructions)					
(13)	Percent	of Clas	s Represented by Amount in Row 11			
	4.5%	(2)				
(14)	Type of	Report	ing Person (see instructions)			
	PN					

(1) This schedule is filed by LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou. Each of LC Fund VI, L.P., LC Parallel Fund VI, L.P., and LC Healthcare Fund I, L.P., collectively referred to as the LC Funds, are ultimately controlled and managed by Legend Capital, a limited liability Chinese company. Legend Capital is ultimately controlled by a management team consisting of three key individuals, Linan Zhu, Hao Chen, and Nengguang Wang. In addition, Junfeng Wang and Quan Zhou are Managing Directors of Legend Capital. Each of these individual managers of Legend Capital shares voting and investment power over the shares held by the LC Funds. Rosy Shine Limited is ultimately controlled and managed by Legend Holdings, a limited liability Chinese joint stock company listed on a Stock Exchange of Hong Kong (3396). The board of directors of Legend Holdings has sole voting and investment power over the shares held by Rosy Shine Limited. None of the members of the board of directors has individual voting or investment power with respect to such shares. LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou expressly disclaim status as a "group" for purposes of this Schedule 13D.

(1)	Name of Reporting Persons					
	LC Parallel Fund VI, L.P.					
(2)	Check t	he Appı	ropriate Box if a Member of a Group (see instructions)			
	(a) 🗆	(D)	⊠(1)			
(3)	SEC US	SE ONL	Y			
(4)	Source o	of Fund	s (see instructions)			
(5)	WC Charlei	f Disala	sure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)			
(5)	Clieck I	i Discio	sure of Legal Proceedings is Required Phisuant to Items 2(d) of 2(e)			
(6)	Citizens	ship or I	Place of Organization			
	Cayma	an Isla	ands			
		(7)	Sole Voting Power			
Num	ber of		20,656			
	ares	(8)	Shared Voting Power			
	ficially led by		0			
Ea	ach	(9)	Sole Dispositive Power			
	orting rson	(5)				
	ith:		20,656			
		(10)	Shared Dispositive Power			
			0			
(11)	Aggrega	ate Amo	ount Beneficially Owned by Each Reporting Person			
	20,656					
(12)	·					
(13)	Percent	of Class	s Represented by Amount in Row 11			
(1.4)	0.2% (` ,	ing Person (see instructions)			
(14)	Type of	кероги	ing reison (see manuchons)			
	PN					

(1) This schedule is filed by LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou. Each of LC Fund VI, L.P., LC Parallel Fund VI, L.P., and LC Healthcare Fund I, L.P., collectively referred to as the LC Funds, are ultimately controlled and managed by Legend Capital, a limited liability Chinese company. Legend Capital is ultimately controlled by a management team consisting of three key individuals, Linan Zhu, Hao Chen, and Nengguang Wang. In addition, Junfeng Wang and Quan Zhou are Managing Directors of Legend Capital. Each of these individual managers of Legend Capital shares voting and investment power over the shares held by the LC Funds. Rosy Shine Limited is ultimately controlled and managed by Legend Holdings, a limited liability Chinese joint stock company listed on a Stock Exchange of Hong Kong (3396). The board of directors of Legend Holdings has sole voting and investment power over the shares held by Rosy Shine Limited. None of the members of the board of directors has individual voting or investment power with respect to such shares. LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou expressly disclaim status as a "group" for purposes of this Schedule 13D.

(1)	Name of Reporting Persons				
	LC H	ealthc	are Fund I, L.P.		
(2)			ropriate Box if a Member of a Group (see instructions)		
	(a) □	(b)	⊠(1)		
(3)	SEC US	SE ONL	Y		
(4)	Source	of Fund	ls (see instructions)		
4-1	WC				
(5)	Check i	f Disclo	osure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)		
(6)	Citizens	ship or l	Place of Organization		
	Caym	an Isla	ands		
		(7)	Sole Voting Power		
Nun	ber of		1,325,359		
	ares	(8)	Shared Voting Power		
Beneficially Owned by			0		
Each Reporting		(9)	Sole Dispositive Power		
Pe	rson		1,325,359		
\ \ \	ith:	(10)	Shared Dispositive Power		
		, ,			
(11)	Λασνοα	ata Ami	ount Beneficially Owned by Each Reporting Person		
(11)	Aggreg	ate Am	ount Beneficially Owned by Each Reporting Person		
	1,325,359				
(12)	Check i	f the Aş	ggregate Amount in Row (11) Excludes Certain Shares (see instructions) \Box		
(13)	Percent	of Clas	s Represented by Amount in Row 11		
	13.9%	(2)			
(14)			ing Person (see instructions)		
	PN				

(1) This schedule is filed by LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou. Each of LC Fund VI, L.P., LC Parallel Fund VI, L.P., and LC Healthcare Fund I, L.P., collectively referred to as the LC Funds, are ultimately controlled and managed by Legend Capital, a limited liability Chinese company. Legend Capital is ultimately controlled by a management team consisting of three key individuals, Linan Zhu, Hao Chen, and Nengguang Wang. In addition, Junfeng Wang and Quan Zhou are Managing Directors of Legend Capital. Each of these individual managers of Legend Capital shares voting and investment power over the shares held by the LC Funds. Rosy Shine Limited is ultimately controlled and managed by Legend Holdings, a limited liability Chinese joint stock company listed on a Stock Exchange of Hong Kong (3396). The board of directors of Legend Holdings has sole voting and investment power over the shares held by Rosy Shine Limited. None of the members of the board of directors has individual voting or investment power with respect to such shares. LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou expressly disclaim status as a "group" for purposes of this Schedule 13D.

(1)	Name of Reporting Persons					
	Rosy Shine Limited					
(2)	Check to (a) □		opriate Box if a Member of a Group (see instructions) ⊠(1)			
(3)	SEC US	E ONL	Y			
(4)	Source	of Fund	s (see instructions)			
	WC					
(5)	Check i	f Disclo	sure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) $\ \Box$			
(6)	Citizens	hip or I	Place of Organization			
	Britisl	ı Virgi	in Islands			
	(7) Sole Voting Power					
	ber of		1,134,000			
	ares	(8)	Shared Voting Power			
	ficially led by					
	ach	(0)	O Sole Dispositive Power			
	orting	(9)	Sole Dispositive Power			
	rson ith:		1,134,000			
••	iui.	(10)	Shared Dispositive Power			
			0			
(11)	Aggregate Amount Beneficially Owned by Each Reporting Person					
	1,134,000					
(12)	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (see instructions) □					
(13)	Percent	of Class	s Represented by Amount in Row 11			
	11.9%	(2)				
(14)			ng Person (see instructions)			
	co					

(1) This schedule is filed by LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou. Each of LC Fund VI, L.P., LC Parallel Fund VI, L.P., and LC Healthcare Fund I, L.P., collectively referred to as the LC Funds, are ultimately controlled and managed by Legend Capital, a limited liability Chinese company. Legend Capital is ultimately controlled by a management team consisting of three key individuals, Linan Zhu, Hao Chen, and Nengguang Wang. In addition, Junfeng Wang and Quan Zhou are Managing Directors of Legend Capital. Each of these individual managers of Legend Capital shares voting and investment power over the shares held by the LC Funds. Rosy Shine Limited is ultimately controlled and managed by Legend Holdings, a limited liability Chinese joint stock company listed on a Stock Exchange of Hong Kong (3396). The board of directors of Legend Holdings has sole voting and investment power over the shares held by Rosy Shine Limited. None of the members of the board of directors has individual voting or investment power with respect to such shares. LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou expressly disclaim status as a "group" for purposes of this Schedule 13D.

(1)	Name of Reporting Persons				
	Legen				
(2)	Check t (a) □		ropriate Box if a Member of a Group (see instructions) ⊠(1)		
(3)	SEC US	SE ONL	Y		
(4)	Source	of Fund	s (see instructions)		
	AF				
(5)	Check i	f Disclo	osure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) \Box		
(6)	Citizens	ship or l	Place of Organization		
	People	e's Re	public of China		
		(7)	Sole Voting Power		
Num	iber of		0		
Sh	ares	(8)	Shared Voting Power		
	ficially	, ,			
	ned by ach		1,134,000		
Reporting		(9)	Sole Dispositive Power		
	rson ⁄ith:		0		
,	1011.	(10)	Shared Dispositive Power		
			1,134,000		
(11)	Aggreg	ate Amo	ount Beneficially Owned by Each Reporting Person		
	1,134,000				
(12)	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (see instructions)				
(13)	Percent	of Clas	s Represented by Amount in Row 11		
	11.9%	(2)			
(14)	Type of	Report	ing Person (see instructions)		
	СО				

(1) This schedule is filed by LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou. Each of LC Fund VI, L.P., LC Parallel Fund VI, L.P., and LC Healthcare Fund I, L.P., collectively referred to as the LC Funds, are ultimately controlled and managed by Legend Capital, a limited liability Chinese company. Legend Capital is ultimately controlled by a management team consisting of three key individuals, Linan Zhu, Hao Chen, and Nengguang Wang. In addition, Junfeng Wang and Quan Zhou are Managing Directors of Legend Capital. Each of these individual managers of Legend Capital shares voting and investment power over the shares held by the LC Funds. Rosy Shine Limited is ultimately controlled and managed by Legend Holdings, a limited liability Chinese joint stock company listed on a Stock Exchange of Hong Kong (3396). The board of directors of Legend Holdings has sole voting and investment power over the shares held by Rosy Shine Limited. None of the members of the board of directors has individual voting or investment power with respect to such shares. LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou expressly disclaim status as a "group" for purposes of this Schedule 13D.

(1)	Name o	f Repor	ting Persons		
	Legen				
(2)	Check t		ropriate Box if a Member of a Group (see instructions) ☑(1)		
(3)	SEC US	SE ONL	Y		
(4)	Source	of Fund	s (see instructions)		
	AF				
(5)	Check i	f Disclo	osure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)		
(6)	Citizens	ship or l	Place of Organization		
	People	e's Re	public of China		
		(7)	Sole Voting Power		
Num	iber of		0		
	ares	(8)	Shared Voting Power		
	ficially	(-)			
	ned by ach		1,772,915		
Rep	orting	(9)	Sole Dispositive Power		
	Person With:		0		
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	'Iui:	(10)	Shared Dispositive Power		
			1,772,915		
(11)	Aggreg	ate Am	ount Beneficially Owned by Each Reporting Person		
	1,772,915				
(12)					
(13)	Percent	of Clas	s Represented by Amount in Row 11		
	18.7%				
(14)	Type of	Report	ing Person (see instructions)		
	CO				

(1) This schedule is filed by LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou. Each of LC Fund VI, L.P., LC Parallel Fund VI, L.P., and LC Healthcare Fund I, L.P., collectively referred to as the LC Funds, are ultimately controlled and managed by Legend Capital, a limited liability Chinese company. Legend Capital is ultimately controlled by a management team consisting of three key individuals, Linan Zhu, Hao Chen, and Nengguang Wang. In addition, Junfeng Wang and Quan Zhou are Managing Directors of Legend Capital. Each of these individual managers of Legend Capital shares voting and investment power over the shares held by the LC Funds. Rosy Shine Limited is ultimately controlled and managed by Legend Holdings, a limited liability Chinese joint stock company listed on a Stock Exchange of Hong Kong (3396). The board of directors of Legend Holdings has sole voting and investment power over the shares held by Rosy Shine Limited. None of the members of the board of directors has individual voting or investment power with respect to such shares. LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou expressly disclaim status as a "group" for purposes of this Schedule 13D.

(1)	Name of Reporting Persons					
	Junfeng Wang					
(2)			opriate Box if a Member of a Group (see instructions)			
	(a) □	(b)	⊠(1)			
(3)	SEC US	E ONL	Y			
` ,						
(4)	Source o	of Funds	s (see instructions)			
	AF					
(5)	Check if	Disclo	sure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) □			
(6)	Citizens	hin or P	Place of Organization			
(0)	GIGZCIIS	inp or r	ace of Organization			
	People		public of China			
		(7)	Sole Voting Power			
Num	ber of		2,044			
	ares ficially	(8)	Shared Voting Power			
Beneficially Owned by			1,772,915			
Each Reporting		(9)	Sole Dispositive Power			
	orung rson	. ,				
W	ith:	(10)	2,044			
		(10)	Shared Dispositive Power			
Ì			1,772,915			
(11)	Aggrega	te Amo	unt Beneficially Owned by Each Reporting Person			
	1,774,959					
(12)						
(13)	Percent	of Class	s Represented by Amount in Row 11			
(14)	18.7%		ng Person (see instructions)			
(14)	Type of	reporti	iig reison (see monachous)			
	IN					

(1) This schedule is filed by LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou. Each of LC Fund VI, L.P., LC Parallel Fund VI, L.P., and LC Healthcare Fund I, L.P., collectively referred to as the LC Funds, are ultimately controlled and managed by Legend Capital, a limited liability Chinese company. Legend Capital is ultimately controlled by a management team consisting of three key individuals, Linan Zhu, Hao Chen, and Nengguang Wang. In addition, Junfeng Wang and Quan Zhou are Managing Directors of Legend Capital. Each of these individual managers of Legend Capital shares voting and investment power over the shares held by the LC Funds. Rosy Shine Limited is ultimately controlled and managed by Legend Holdings, a limited liability Chinese joint stock company listed on a Stock Exchange of Hong Kong (3396). The board of directors of Legend Holdings has sole voting and investment power over the shares held by Rosy Shine Limited. None of the members of the board of directors has individual voting or investment power with respect to such shares. LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou expressly disclaim status as a "group" for purposes of this Schedule 13D.

(1)	Name of Reporting Persons						
	Quan Zhou						
(2)	Check tl (a) □		opriate Box if a Member of a Group (see instructions) ⊠(1)				
	(a) ⊔	(D)	쓰(1)				
(3)	SEC US	E ONL	Y				
(4)	Source o	of Fund	s (see instructions)				
	AF						
(5)	Check if	Disclo	sure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) \Box				
(6)	Citizens	hip or F	Place of Organization				
	People	's Rep	public of China				
	_	(7)	Sole Voting Power				
	nber of		2,044				
	nares ficially	(8)	Shared Voting Power				
Owned by			1,772,915				
Each Reporting		(9)	Sole Dispositive Power				
Person With:			2,044				
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/ IUI.	(10)	Shared Dispositive Power				
			1,772,915				
(11)	Aggrega	ite Amo	unt Beneficially Owned by Each Reporting Person				
	1,774,959						
(12)	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (see instructions)						
(13)	Percent	of Class	s Represented by Amount in Row 11				
	18.7%						
(14)	Type of	Reporti	ng Person (see instructions)				
	IN						

(1) This schedule is filed by LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou. Each of LC Fund VI, L.P., LC Parallel Fund VI, L.P., and LC Healthcare Fund I, L.P., collectively referred to as the LC Funds, are ultimately controlled and managed by Legend Capital, a limited liability Chinese company. Legend Capital is ultimately controlled by a management team consisting of three key individuals, Linan Zhu, Hao Chen, and Nengguang Wang. In addition, Junfeng Wang and Quan Zhou are Managing Directors of Legend Capital. Each of these individual managers of Legend Capital shares voting and investment power over the shares held by the LC Funds. Rosy Shine Limited is ultimately controlled and managed by Legend Holdings, a limited liability Chinese joint stock company listed on a Stock Exchange of Hong Kong (3396). The board of directors of Legend Holdings has sole voting and investment power over the shares held by Rosy Shine Limited. None of the members of the board of directors has individual voting or investment power with respect to such shares. LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou expressly disclaim status as a "group" for purposes of this Schedule 13D.

(1)	Name of	Report	ing Persons			
	Linan Zhu					
(2)	Check th (a) □		opriate Box if a Member of a Group (see instructions) ⊠(1)			
(3)	SEC US	E ONL	Y			
(4)	Source o	of Funds	s (see instructions)			
	AF					
(5)	Check if	Disclo	sure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) \Box			
(6)	Citizens	hip or P	lace of Organization			
	People	's Rep	public of China			
		(7)	Sole Voting Power			
	ber of		0			
	ares ficially	(8)	Shared Voting Power			
Owr	ned by		1,772,915			
Rep	ach orting	(9)	Sole Dispositive Power			
	rson ⁄ith:		0			
		(10)	Shared Dispositive Power			
			1,772,915			
(11)	Aggrega	ite Amo	unt Beneficially Owned by Each Reporting Person			
	1,772,9					
(12)	Check if	the Ag	gregate Amount in Row (11) Excludes Certain Shares (see instructions) \Box			
(13)	Percent	of Class	Represented by Amount in Row 11			
	18.7%					
(14)	Type of	Reporti	ng Person (see instructions)			
	IN					

(1) This schedule is filed by LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou. Each of LC Fund VI, L.P., LC Parallel Fund VI, L.P., and LC Healthcare Fund I, L.P., collectively referred to as the LC Funds, are ultimately controlled and managed by Legend Capital, a limited liability Chinese company. Legend Capital is ultimately controlled by a management team consisting of three key individuals, Linan Zhu, Hao Chen, and Nengguang Wang. In addition, Junfeng Wang and Quan Zhou are Managing Directors of Legend Capital. Each of these individual managers of Legend Capital shares voting and investment power over the shares held by the LC Funds. Rosy Shine Limited is ultimately controlled and managed by Legend Holdings, a limited liability Chinese joint stock company listed on a Stock Exchange of Hong Kong (3396). The board of directors of Legend Holdings has sole voting and investment power over the shares held by Rosy Shine Limited. None of the members of the board of directors has individual voting or investment power with respect to such shares. LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou expressly disclaim status as a "group" for purposes of this Schedule 13D.

(1)	Name of Reporting Persons					
	Hao Chen					
(2)			opriate Box if a Member of a Group (see instructions)			
	(a) 🗆	(D)	⊠(1)			
(3)	SEC US	E ONL	Y			
(4)	Source o	of Funds	s (see instructions)			
	ΔT					
(5)	AF Check if	Disclo	sure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)			
(3)	Check II	Discio	sale of Legal Proceedings is required Failsaulic to Reins 2(a) of 2(e)			
(6)	Citizens	hip or P	lace of Organization			
	People	's Rep	oublic of China			
	_	(7)	Sole Voting Power			
Num	iber of		0			
	ares ficially	(8)	Shared Voting Power			
	ned by		1,772,915			
	ach orting	(9)	Sole Dispositive Power			
	rson					
W	ith:	(10)	Shared Dispositive Power			
		(10)	Snared Dispositive Power			
			1,772,915			
(11)	Aggrega	ite Amo	unt Beneficially Owned by Each Reporting Person			
	1,772,9	915				
(12)	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (see instructions) □					
(13)	Percent	of Class	s Represented by Amount in Row 11			
	18.7%	(2)				
(14)			ng Person (see instructions)			
	IN					

(1) This schedule is filed by LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou. Each of LC Fund VI, L.P., LC Parallel Fund VI, L.P., and LC Healthcare Fund I, L.P., collectively referred to as the LC Funds, are ultimately controlled and managed by Legend Capital, a limited liability Chinese company. Legend Capital is ultimately controlled by a management team consisting of three key individuals, Linan Zhu, Hao Chen, and Nengguang Wang. In addition, Junfeng Wang and Quan Zhou are Managing Directors of Legend Capital. Each of these individual managers of Legend Capital shares voting and investment power over the shares held by the LC Funds. Rosy Shine Limited is ultimately controlled and managed by Legend Holdings, a limited liability Chinese joint stock company listed on a Stock Exchange of Hong Kong (3396). The board of directors of Legend Holdings has sole voting and investment power over the shares held by Rosy Shine Limited. None of the members of the board of directors has individual voting or investment power with respect to such shares. LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou expressly disclaim status as a "group" for purposes of this Schedule 13D.

(1)	Name of Reporting Persons					
	Nengg	uang \	Wang			
(2)	Check tl	ne Appr	opriate Box if a Member of a Group (see instructions)			
	(a) □	(b)	⊠(1)			
(3)	SEC US	E ONL	Y			
(4)	C	CE .1				
(4)	Source	or Funds	s (see instructions)			
	AF					
(5)	Check if	Disclo	sure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) \Box			
(6)	Citizens	hip or P	Place of Organization			
	People	's Rep	public of Chin			
I	•	(7)	Sole Voting Power			
Num	iber of		0			
	ares	(8)	Shared Voting Power			
Beneficially		()				
	Owned by Each		1,772,915			
Rep	Reporting		Sole Dispositive Power			
	rson ith:		0			
•	1411.	(10)	Shared Dispositive Power			
			1,772,915			
(11)	Aggrega	ite Amo	unt Beneficially Owned by Each Reporting Person			
	1,772,915					
(12)						
(13)	Percent of Class Represented by Amount in Row 11					
	10 70/	(2)				
(14)	18.7% Type of		ng Person (see instructions)			
` '		1				
	IN					

(1) This schedule is filed by LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou. Each of LC Fund VI, L.P., LC Parallel Fund VI, L.P., and LC Healthcare Fund I, L.P., collectively referred to as the LC Funds, are ultimately controlled and managed by Legend Capital, a limited liability Chinese company. Legend Capital is ultimately controlled by a management team consisting of three key individuals, Linan Zhu, Hao Chen, and Nengguang Wang. In addition, Junfeng Wang and Quan Zhou are Managing Directors of Legend Capital. Each of these individual managers of Legend Capital shares voting and investment power over the shares held by the LC Funds. Rosy Shine Limited is ultimately controlled and managed by Legend Holdings, a limited liability Chinese joint stock company listed on a Stock Exchange of Hong Kong (3396). The board of directors of Legend Holdings has sole voting and investment power over the shares held by Rosy Shine Limited. None of the members of the board of directors has individual voting or investment power with respect to such shares. LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou expressly disclaim status as a "group" for purposes of this Schedule 13D.

Item 1. Security and Issuer

- (a) This statement on Schedule 13D relates to the common stock, par value \$0.0001 per share (the "Common Stock") of Bionano Genomics, Inc., a Delaware corporation (the "Issuer").
- (b) The principal executive offices of the Issuer are located at 9540 Towne Centre Drive, Suite 100, San Diego, CA 92121.

Information given in response to each item shall be deemed incorporated by reference in all other items, as applicable.

Item 2. Identity and Background

- (a) The persons and entities filing this Schedule 13D are LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P., Rosy Shine Limited, Legend Capital, Legend Holdings, Linan Zhu, Hao Chen, Nengguang Wang, Junfeng Wang and Quan Zhou. (collectively, the "Reporting Persons"). Junfeng Wang and Quan Zhou are directors of the Issuer.
- (b) The address of the principal place of business for each Reporting Person except Legend Holdings is Legend Capital, 16/F, Tower B, Raycom Infotech Park, No.2 Kexueyuan South Road, Zhongguancun, Haidian District, Beijing 100190, People's Republic of China. The address of the principal place of business for Legend Holdings is Room 1701, 17/F, Block 1, Court No. 2, Ke Xue Yuan Nanlu, Haidian District, Beijing, People's Republic of China.
- (c) The principal business of each of the Reporting Persons except Legend Holdings is the venture capital investment business. Legend Holdings is a business conglomerate with interests in information technology, financial services, consumer services, agriculture and food, and advanced manufacturing and professional services.
- (d) During the last five years, none of the Reporting Persons has been convicted in any criminal proceeding (excluding traffic violations or similar misdemeanors).
- (e) During the last five years, none of the Reporting Persons has been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and as a result of such proceeding was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.
- (f) Each of the individuals named in Item 2(a) is a citizen of the People's Republic of China.

Item 3. Source and Amount of Funds or Other Consideration.

On August 21, 2018, the Registration Statement on Form S-1 filed with the Securities and Exchange Commission by the Issuer (File No. 333-225970) (the "Registration Statement) in connection with its initial public offering of 3,360,000 units (each unit consisting of one share of Common Stock and one warrant to purchase one share of Common Stock) (the "Units") was declared effective. The closing of the initial public offering took place on August 23, 2018, and at such closing LC Healthcare Fund I, L.P. purchased 160,000 Units at the initial public offering price of \$6.125 per Unit. The source of funds for such purchase was the working capital of LC Healthcare Fund I, L.P. and capital contributions made to LC Healthcare Fund I, L.P. by its partners. On August 30, 2018, a second closing was held in connection with exercise by the underwriters of their option to purchase an additional 504,000 Units.

Item 4. Purpose of Transaction.

LC Healthcare Fund I, L.P. purchased the Units in the initial public offering for investment purposes.

Subject to applicable legal requirements, one or more of the Reporting Persons may purchase additional securities of the Issuer from time to time in open market or private transactions, depending on their evaluation of the Issuer's business, prospects and financial condition, the market for the Issuer's securities, other developments concerning the Issuer, the reaction of the Issuer to the Reporting Persons' ownership of the Issuer's securities, other opportunities available to the Reporting Persons and general economic, money market and stock market conditions. In addition, depending upon the factors referred to above, the Reporting Persons may dispose of all or a portion of their securities of the Issuer at any time. Each of the Reporting Persons reserves the right to increase or decrease its holdings on such terms and at such times as each may decide.

Other than as described above in this Item 4, none of the Reporting Persons has any plan or proposal relating to or that would result in: (a) the acquisition by any person of additional securities of the Issuer or the disposition of securities of the Issuer; (b) an extraordinary corporate transaction, such as a merger, reorganization or liquidation, involving the Issuer or any of its subsidiaries; (c) a sale or transfer of a material amount of assets of the Issuer or any of its subsidiaries; (d) any change in the present Board of Directors or management of the Issuer, including any plans or proposals to

change the number or terms of directors or to fill any existing vacancies on the Board of Directors of the Issuer; (e) any material change in the present capitalization or dividend policy of the Issuer; (f) any other material change in the Issuer's business or corporate structure; (g) any changes in the Issuer's charter, bylaws or instruments corresponding thereto or other actions which may impede the acquisition of control of the Issuer by any person; (h) a class of securities of the Issuer being delisted from a national securities exchange or ceasing to be authorized to be quoted in an inter-dealer quotation system of a registered national securities association; (i) a class of equity securities of the Issuer becoming eligible for termination of registration pursuant to Section 12(g)(4) of the Securities Exchange Act of 1934; or (j) any action similar to those enumerated above.

Item 5. Interest in Securities of the Issuer.

(a) (b)

<u>Entity</u>	Shares Held Directly	Sole Voting Power	Shared Voting Power	Sole Dispositive Power	Shared Dispositive Power	Beneficial Ownership	Percentage of Class(1)
LC Fund VI, L.P.	426,900	426,900	0	426,900	0	426,900	4.5%
LC Parallel Fund VI, L.P.	20,656	20,656	0	20,656	0	20,656	0.2%
LC Healthcare Fund I, L.P.	1,325,359	1,325,359	0	1,325,359	0	1,325,359	13.9%
Rosy Shine Limited	1,134,000	1,134,000	0	1,134,000	0	1,134,000	11.9%
Legend Holdings(2)	0	0	1,134,000	0	1,134,000	1,134,000	11.9%
Legend Capital ⁽³⁾	0	0	1,772,915	0	1,772,915	1,772,915	18.7%
Junfeng Wang(4)(5)	2,044	2,044	1,772,915	2,044	1,772,915	1,774,959	18.7%
Quan Zhou(4)(5)	2,044	2,044	1,772,915	2,044	1,772,915	1,774,959	18.7%
Linan Zhu ⁽⁶⁾	0	0	1,772,915	0	1,772,915	1,772,915	18.7%
Hao Chen(6)	0	0	1,772,915	0	1,772,915	1,772,915	18.7%
Nengguang Wang(6)	0	0	1,772,915	0	1,772,915	1,772,915	18.7%

- (1) The percentage calculation assumes that there are currently 9,491,432 outstanding shares of Common Stock of the Issuer, based upon the closing of the Issuer's initial public offering, as reported in the Issuer's prospectus filed with the Securities and Exchange Commission on August 22, 2018.
- (2) Legend Holdings, a limited liability Chinese joint stock company listed on a Stock Exchange of Hong Kong (3396), has ultimate control of Rosy Shine Limited. The board of directors of Legend Holdings has sole voting and investment power over the shares held by Rosy Shine Limited. None of the members of the board of directors has individual voting or investment power with respect to such shares and each disclaims beneficial ownership of such shares.
- (3) Legend Capital, a limited liability Chinese company, has ultimate control of LC Fund VI, L.P., LC Parallel Fund VI, L.P. and LC Healthcare Fund I, L.P. Legend Capital is ultimately controlled by a management team consisting of three key individuals, Linan Zhu, Hao Chen, and Nengguang Wang. In addition, Junfeng Wang is a Managing Director of Legend Capital. Each of these individual managers of Legend Capital shares voting and investment power over the shares held by LC Fund VI, L.P., LC Parallel Fund VI, L.P. and LC Healthcare Fund I, L.P. and each disclaims beneficial ownership of all shares held by Legend Capital, except to the extent of each such member's actual pecuniary interest therein.
- (4) The Reporting Person is a director of the Issuer.
- (5) The Reporting Person holds 2,044 shares of Common Stock subject to options exercisable as of June 7, 2019 and is a managing member of Legend Capital. The Reporting Person disclaims beneficial ownership with respect to these shares except to the extent of his pecuniary interest therein.
- (6) The Reporting Person is a managing member of Legend Capital. The Reporting Person disclaims beneficial ownership with respect to these shares except to the extent of his pecuniary interest therein.

- (c) The information provided in Item 3 is hereby incorporated by reference. In addition, on August 22, 2018, LC Healthcare Fund I, L.P. acquired 784,728 shares of Common Stock of the Issuer and Rosy Shine Limited acquired 1,134,000 shares of Common Stock of the Issuer upon the automatic conversion of convertible promissory notes in connection with the closing of the Issuer's initial public offering.
- (d) No other person is known to have the right to receive or the power to direct the receipt of dividends from, or any proceeds from the sale of, the shares of Common Stock beneficially owned by any of the Reporting Persons.
- (e) Not applicable.

Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer.

Investors' Rights Agreement

LC Fund VI, L.P., LC Parallel Fund VI, L.P., LC Healthcare Fund I, L.P. and other stockholders of the Issuer have entered into a Fifth Amended and Restated Investors' Rights Agreement dated August 5, 2016 (as amended, the "Investors' Rights Agreement") with the Issuer, pursuant to which certain holders of the Issuer's capital stock, or their transferees, are entitled to certain registration rights, as set forth below. The registration of shares of Common Stock by the exercise of registration rights described below would enable the holders to sell these shares without restriction under the Securities Act of 1933, as amended ("Securities Act") when the applicable registration statement is declared effective. The Issuer is obligated to pay the registration expenses, other than underwriting discounts and selling commissions, of the shares registered by the demand, piggyback and Form S-3 registrations described below. Generally, in an underwritten offering, the managing underwriter, if any, has the right, subject to specified conditions, to limit the number of shares such holders may include. The demand, piggyback and Form S-3 registration rights described below will expire on the fifth anniversary of the date of a qualified public offering, a deemed liquidation event, or with respect to any particular holder of registrable securities, such time after the Issuer's initial public offering that the holder can sell all of its registrable securities without restriction under Rule 144 of the Securities Act during any three month period.

Demand registration rights.

Any time after the earlier of (i) 12 months following the effective date of the Registration Statement and (ii) August 5, 2020, the holders of at least 66-2/3% of the shares of the Issuer's outstanding preferred stock (or shares of Common Stock issued upon conversion of the shares of such preferred stock, or a combination thereof) may request that the Issuer file a registration statement covering all or any portion of the registrable securities held by them, subject to the requirement that the registration must cover at least 20% of the registrable securities then held by them, or a lesser percentage if the anticipated gross receipts from the offering would exceed \$40,000,000. The holders of the Issuer's convertible preferred stock may not request more than two registration statements which are declared effective. The Issuer is not obligated to effect a demand registration (i) during the period within 90 days after the effective date of a registration statement filed pursuant to a demand registration, (ii) if the registrable securities can be immediately registered on Form S-3, (iii) or during the 12 month period after the effective date of the Registration Statement.

Form S-3 registration rights.

If the Issuer is eligible to file a registration statement on Form S-3, holders of registrable securities will have the right to demand that the Issuer file a registration statement on Form S-3 so long as the aggregate price to the public of the securities to be sold under the registration statement on Form S-3 is at least \$3.0 million, subject to specified exceptions, conditions and limitations. There is no limitation on the number of Form S-3 demand registrations that may be requested.

"Piggyback" registration rights.

If the Issuer registers any securities for public sale, holders of registration rights have the right to include their shares in the registration statement. As a result, whenever the Issuer proposes to file a registration statement under the Securities Act, other than with respect to registration statements on Forms S-4, S-8, or another form not available for registering the registrable securities for sale to the public, the holders of these shares are entitled to notice of the registration and have the right to include their shares in the registration, subject to limitations that the underwriters may impose on the number of shares included in the offering.

Other than as described in this Schedule 13D, to the best knowledge of each of the Reporting Persons, there are no other contracts, arrangements, understandings or relationships (legal or otherwise) among the persons named in Item 2 and between such persons and any person with respect to any securities of the Issuer.

Item 7. Material to Be Filed as Exhibits.

- A. Fifth Amended and Restated Investors' Rights Agreement, dated August 5, 2016, by and among the Issuer and certain of its stockholders (incorporated by reference to Exhibit 4.2 to the Issuer's Registration Statement on Form S-1 (SEC File No. 333-228355), filed with the SEC on November 13, 2018).
- B. Agreement regarding joint filing of Schedule 13D.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and

correct.

/s/ Nengguang Wang
NENGGUANG WANG

Dated: June 7, 2019	
LC FUND VI, L.P.	LC PARALLEL FUND VI, L.P.
By: /s/ Chen Hao Name: Chen Hao Title: Managing Director	By: /s/ Chen Hao Name: Chen Hao Title: Managing Director
LC HEALTHCARE FUND I, L.P.	LEGEND CAPITAL
By: /s/ Wang Junfeng Name: Wang Junfeng Title: Managing Director	By: /s/ Chen Hao Name: Chen Hao Title: Chief Executive Officer
LEGEND HOLDINGS	ROSY SHINE LIMITED
By: _/s/ Liu Chuanzhi Name: Liu Chuanzhi Title: Chairman of the Board	By: /s/ Ouyang Hao Name: Ouyang Hao Title: Managing Director
/s/ Junfeng Wang JUNFENG WANG	/s/ Quan Zhou QUAN ZHOU
/s/ Linan Zhu	/s/ Hao Chen

The original statement shall be signed by each person on whose behalf the statement is filed or his authorized representative. If the statement is signed on behalf of a person by his authorized representative (other than an executive officer or general partner of the filing person), evidence of the representative's authority to sign on behalf of such person shall be filed with the statement: provided, however, that a power of attorney for this purpose which is already on file with the Commission may be incorporated by reference. The name and any title of each person who signs the statement shall be typed or printed beneath his signature.

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001)

EXHIBITS

A.	Fifth Amended and Restated Investors' Rights Agreement, dated August 5, 2016, by and among the Issuer and certain of its stockholders
	(incorporated by reference to Exhibit 4.2 to the Issuer's Registration Statement on Form S-1 (SEC File No. 333-228355), filed with the SEC on
	November 13, 2018).

B. Agreement regarding joint filing of Schedule 13D.

EXHIBIT B

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, the undersigned agree to the joint filing on behalf of each of them of a statement on Schedule 13D (including amendments thereto) with respect to the Common Stock of Bionano Genomics, Inc. and further agree that this agreement be included as an exhibit to such filing. Each party to the agreement expressly authorizes each other party to file on its behalf any and all amendments to such statement. Each party to this agreement agrees that this joint filing agreement may be signed in counterparts.

In evidence whereof, the undersigned have caused this Agreement to be executed on their behalf this 7th day of June, 2019.

LC Fund VI, L.P.	LC PARALLEL FUND VI, L.P.				
By: /s/ Chen Hao	By: /s/ Chen Hao				
Name: Chen Hao	Name: Chen Hao				
Title: Managing Director	Title: Managing Director				
LC HEALTHCARE FUND I, L.P.	LEGEND CAPITAL				
By: _/s/ Wang Junfeng	By: /s/ Chen Hao				
Name: Wang Junfeng	Name: Chen Hao				
Title: Managing Director	Title: Chief Executive Officer				
LEGEND HOLDINGS	ROSY SHINE LIMITED				
By: _/s/ Liu Chuanzhi	By: /s/ Ouyang Hao				
Name: Liu Chuanzhi	Name: Ouyang Hao				
Title: Chairman of the Board	Title: Managing Director				
/s/ Junfeng Wang	/s/ Quan Zhou				
JUNFENG WANG	QUAN ZHOU				
/s/ Linan Zhu	/s/ Hao Chen				
LINAN ZHU	HAO CHEN				
/s/ Nengguang Wang					
NENGGUANG WANG					