FIVE PRIME THERAPEUTICS INC
Form SC 13G/A
February 14, 2019
UNITED STATES

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. 2)¹

Five Prime Therapeutics, Inc. (Name of Issuer)

Common stock, par value \$0.001 per share (Title of Class of Securities)

33830X104 (CUSIP Number)

December 31, 2018 (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)

¹ 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 I	REPORTING
2	Biotechn Fund, L. CHECK TH APPROPRI BOX IF A MEMBER O	IE ATE (a)
	GROUP	(1.)
		(b)
3	SEC USE O	NLY
4	CITIZENSH OF ORGAN	HIP OR PLACE NIZATION
	Delawar	e
NUMBER OF	5	SOLE VOTING POWER
SHARES BENEFICIALLY	•	0 shares
OWNED BY	6	SHARED VOTING POWER
EACH REPORTING		1,348,588
PERSON WITH	7	SOLE DISPOSITIVE POWER
	8	0 shares SHARED DISPOSITIVE POWER
9	BENEFICIA	1,348,588 TE AMOUNT ALLY OWNED REPORTING
10	1,348,58 CHECK BC THE AGGR AMOUNT 1	X IF REGATE

(9) EXCLUDES CERTAIN SHARES

PERCENT OF CLASS 11 REPRESENTED BY AMOUNT IN ROW (9)

3.8%

12 TYPE OF REPORTING PERSON

PN

CUSIP NO. 33830X104

1	NAME OF I	REPORTING
2	Biotechn II, L.P. CHECK TH APPROPRI BOX IF A MEMBER (GROUP	ATE (a)
3	SEC USE O	NLY
4	CITIZENSH OF ORGAN	HIP OR PLACE NIZATION
	Delawar	e.
NUMBER OF	5	SOLE VOTING
	3	POWER
SHARES BENEFICIALLY	7	0 shares
		SHARED
OWNED BY	6	VOTING
EACH		POWER
REPORTING		1,089,797
PERSON WITH	7	SOLE DISPOSITIVE POWER
	8	0 shares SHARED DISPOSITIVE POWER
9	BENEFICIA	1,089,797 TE AMOUNT ALLY OWNED REPORTING
10	1,089,79 CHECK BO THE AGGR AMOUNT I (9) EXCLU	OX IF REGATE IN ROW

CERTAIN

SHARES

PERCENT OF CLASS 11 REPRESENTED BY AMOUNT IN ROW (9)

3.1%

12 TYPE OF REPORTING

PERSON

PN

1	NAME OF PERSON	REPORTING
2		ATE (a) OF A
3	SEC USE O	(b) ONLY
4	CITIZENSI OF ORGAN	HIP OR PLACE NIZATION
	Cayman	Islands
NUMBER OF	5	SOLE VOTING POWER
SHARES BENEFICIALLY	7	0 shares
OWNED BY	6	SHARED VOTING POWER
EACH REPORTING		191,418
PERSON WITH	7	SOLE DISPOSITIVE POWER
	8	0 shares SHARED DISPOSITIVE POWER
9	BENEFICIA	191,418 TE AMOUNT ALLY OWNED REPORTING
10	191,418 CHECK BC THE AGGR	

AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

PERCENT OF CLASS 11 REPRESENTED BY AMOUNT IN ROW (9)

> Less than 1% TYPE OF REPORTING PERSON

> > PN

4

1	NAME OF I PERSON	REPORTING
2	BVF Par CHECK TH APPROPRI BOX IF A MEMBER O GROUP	ATE (a)
		(b)
3	SEC USE O	NLY
4	CITIZENSH OF ORGAN	HIP OR PLACE HIZATION
	Cayman	
NUMBER OF	5	SOLE VOTING POWER
SHARES BENEFICIALLY	,	0 shares
OWNED BY	6	SHARED VOTING POWER
EACH REPORTING		191,418 SOLE
PERSON WITH	7	DISPOSITIVE POWER
	8	0 shares SHARED DISPOSITIVE POWER
9	BENEFICIA	191,418 TE AMOUNT ALLY OWNED REPORTING
10	191,418 CHECK BO THE AGGR AMOUNT I	REGATE

(9) EXCLUDES CERTAIN SHARES

PERCENT OF CLASS
REPRESENTED BY
AMOUNT IN ROW (9)

Less than 1% TYPE OF REPORTING

12 PERSON

CO

CUSIP NO. 33830X104

1	NAME OF I	REPORTING
2	BVF Par CHECK TH APPROPRI BOX IF A MEMBER O GROUP	ATE (a)
3	SEC USE O	NLY
4	CITIZENSH OF ORGAN	HIP OR PLACE HIZATION
	Delaware	e
NUMBER OF	5	SOLE VOTING
	3	POWER
SHARES	7	0.1
BENEFICIALLY	-	0 shares SHARED
OWNED BY	6	VOTING
OWNLDDI	O	POWER
EACH		TOWER
REPORTING		2,781,346
		SOLE
PERSON WITH	7	DISPOSITIVE
		POWER
	8	0 shares SHARED DISPOSITIVE POWER
		2,781,346
	AGGREGA	TE AMOUNT
9		ALLY OWNED
		REPORTING
	PERSON	
	2,781,34	6
10	CHECK BO	
	THE AGGR	REGATE
	AMOUNT I	N ROW
	(9) EXCLU	DES

CERTAIN SHARES

PERCENT OF CLASS 11 REPRESENTED BY AMOUNT IN ROW (9)

7.8%

12 TYPE OF REPORTING PERSON

PN, IA

CUSIP NO. 33830X104

1	NAME OF I	REPORTING
2	BVF Inc CHECK TH APPROPRI BOX IF A MEMBER O GROUP	IE ATE (a)
3	SEC USE O	NLY
4	CITIZENSH OF ORGAN	HIP OR PLACE NIZATION
	Delawar	e
NIIIMDED OF		SOLE VOTING
NUMBER OF	5	POWER
SHARES		
BENEFICIALLY	7	0 shares
OWNED DV	(SHARED
OWNED BY	6	VOTING POWER
EACH		FOWER
REPORTING		2,781,346
		SOLE
PERSON WITH	7	DISPOSITIVE
		POWER
	8	0 shares SHARED DISPOSITIVE POWER
9	BENEFICIA	2,781,346 TE AMOUNT ALLY OWNED REPORTING
10	2,781,34 CHECK BC THE AGGR AMOUNT I (9) EXCLU	OX IF REGATE IN ROW

CERTAIN SHARES

PERCENT OF CLASS 11 REPRESENTED BY AMOUNT IN ROW (9)

7.8%

12 TYPE OF REPORTING PERSON

CO

CUSIP NO. 33830X104

1	PERSON	
2	Mark N. CHECK TH APPROPRI BOX IF A MEMBER (GROUP	ATE (a)
3	SEC USE O	NLY
4	CITIZENSH OF ORGAN	HIP OR PLACE NIZATION
	United S	tates
NUMBER OF	5	SOLE VOTING POWER
SHARES		FOWER
BENEFICIALLY	7	0 shares
OWNED BY	6	SHARED VOTING POWER
EACH		10 ((21)
REPORTING		2,781,346 SOLE
PERSON WITH	7	DISPOSITIVE POWER
	8	0 shares SHARED DISPOSITIVE POWER
9	BENEFICIA	2,781,346 TE AMOUNT ALLY OWNED REPORTING
10	2,781,34 CHECK BC THE AGGR AMOUNT 1	OX IF REGATE IN ROW

NAME OF REPORTING

CERTAIN SHARES

PERCENT OF CLASS 11 REPRESENTED BY AMOUNT IN ROW (9)

7.8%

12 TYPE OF REPORTING PERSON

IN

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Item 1(a). Name of Issuer:

Five Prime Therapeutics, Inc., a Delaware corporation (the "Issuer").

Item 1(b). Address of Issuer's Principal Executive Offices:

111 Oyster Point Boulevard

South San Francisco, California 94080

Biotechnology Value Fund, L.P. ("BVF")

44 Montgomery St., 40th Floor

San Francisco, California 94104

Citizenship: Delaware

Biotechnology Value Fund II, L.P. ("BVF2")

44 Montgomery St., 40th Floor

San Francisco, California 94104

Citizenship: Delaware

Biotechnology Value Trading Fund OS LP ("Trading Fund OS")

PO Box 309 Ugland House

Grand Cayman, KY1-1104

Cayman Islands

Citizenship: Cayman Islands
BVF Partners OS Ltd. ("Partners OS")
PO Box 309 Ugland House
Grand Cayman, KY1-1104
Cayman Islands
Citizenship: Cayman Islands
BVF Partners L.P. ("Partners")
44 Montgomery St., 40 th Floor
San Francisco, California 94104
Citizenship: Delaware
BVF Inc.
44 Montgomery St., 40 th Floor
San Francisco, California 94104
Citizenship: Delaware
Mark N. Lampert ("Mr. Lampert")
44 Montgomery St., 40 th Floor
San Francisco, California 94104
Citizenship: United States
Each of the foregoing is referred to as a "Reporting Person" and collectively as the "Reporting Persons."
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CUSIP NO. 33830X104

Item 2(d).	Title of Class of Securities:
Common stock, par value \$0.001 per share (the "Shares")).
Item 2(e).	CUSIP Number:
33830X104	
Item 3. If This Statement is Filed Pursuant to Rule 13d-1((b), or 13d-2(b) or (c), Check Whether the Person Filing is a:
/x/Not applicable.	
(a)// Broker or dealer registered under Section 15 of the	e Exchange Act.
(b)// Bank as defined in Section 3(a)(6) of the Exchange	e Act.
(c)// Insurance company as defined in Section 3(a)(19)	of the Exchange Act.
(d)// Investment company registered under Section 8 of	the Investment Company Act.
(e)// An investment adviser in accordance with Rule 13	d-1(b)(1)(ii)(E).
(f) // An employee benefit plan or endowment fund in a	ccordance with Rule 13d-1(b)(1)(ii)(F).
(g)// A parent holding company or control person in acc	cordance with Rule 13d-1(b)(1)(ii)(G).
(h)// A savings association as defined in Section 3(b) of	f the Federal Deposit Insurance Act.
(i) // A church plan that is excluded from the definition Investment Company Act.	of an investment company under Section 3(c)(14) of the
(j) // Group, in accordance with Rule 13d-1(b)(1)(ii)(J).	
(k)// Group, in accordance with Rule 240.13d-1(b)(1)(ii) Rule 240.13d-1(b)(1)(ii)(J), please specify the type	i)(K). If filing as a non-U.S. institution in accordance with e of institution:
Item 4.	Ownership

(a) Amount beneficially owned:

As of the close of business on December 31, 2018 (i) BVF beneficially owned 1,348,588 Shares, (ii) BVF2 beneficially owned 1,089,797 Shares, and (iii) Trading Fund OS beneficially owned 191,418 Shares.

Partners OS, as the general partner of Trading Fund OS, may be deemed to beneficially own the 191,418 Shares beneficially owned by Trading Fund OS.

CUSIP NO. 33830X104

Partners, as the general partner of BVF, BVF2, the investment manager of Trading Fund OS, and the sole member of Partners OS, may be deemed to beneficially own the 2,781,346 Shares beneficially owned in the aggregate by BVF, BVF2, Trading Fund OS, and a certain Partners managed account (the "Partners Managed Account"), including 151,543 Shares held in the Partners Managed Account.

BVF Inc., as the general partner of Partners, may be deemed to beneficially own the 2,781,346 Shares beneficially owned by Partners.

Mr. Lampert, as a director and officer of BVF Inc., may be deemed to beneficially own the 2,781,346 Shares beneficially owned by BVF Inc.

The foregoing should not be construed in and of itself as an admission by any Reporting Person as to beneficial ownership of any Shares owned by another Reporting Person. Partners OS disclaims beneficial ownership of the Shares beneficially owned by Trading Fund OS. Each of Partners, BVF Inc. and Mr. Lampert disclaims beneficial ownership of the Shares beneficially owned by BVF, BVF2, Trading Fund OS, and the Partners Managed Account, and the filing of this statement shall not be construed as an admission that any such person or entity is the beneficial owner of any such securities.

(b) Percent of class:

The following percentages are based on 35,465,722 Shares outstanding, as of October 30, 2018, as disclosed in the Issuer's Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on November 6, 2018.

As of the close of business on December 31, 2018 (i) BVF beneficially owned approximately 3.8% of the outstanding Shares, (ii) BVF2 beneficially owned approximately 3.1% of the outstanding Shares, (iii) Trading Fund OS beneficially owned less than 1% of the outstanding Shares, (iv) Partners OS may be deemed to beneficially own less than 1% of the outstanding Shares, and (v) each of Partners, BVF Inc. and Mr. Lampert may be deemed to beneficially own approximately 7.8% of the outstanding Shares (less than 1% of the outstanding Shares is held in the Partners Managed Account).

(c) Number of shares as to which such person has:

(i) Sole power to vote or to direct the vote

See Cover Pages Items 5-9.	
(ii)	Shared power to vote or to direct the vote
See Cover Pages Items 5-9.	
(iii)	Sole power to dispose or to direct the disposition of
See Cover Pages Items 5-9.	
(iv)	Shared power to dispose or to direct the disposition of
See Cover Pages Items 5-9.	
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	Item 5.	Ownership of Five	e Percent or Less of a Class.						
Not Applicable.									
Ite	em 6.	Ownership of More than Five Pe	rcent on Behalf of Another Person.						
Partners, BVF Inc. and Mr. Lampert share voting and dispositive power over the Shares beneficially owned by BVF, BVF2, Trading Fund OS, and the Partners Managed Account.									
Item Identification and Classification of the Subsidiary That Acquired the Security Being Reported on by the Parent Holding Company or Control Person.									
Not Applicable.									
	Item 8.	Identification and Classific	ation of Members of the Group.						
See Exhibit 99.1 to the Schedule 13G filed with the Securities and Exchange Commission on September 4, 2018.									
	Item 9.	Notice o	f Dissolution of Group.						
Not Applicable.									
	Iter	m 10.	Certifications.						
By signing below each of the undersigned certifies that, to the best of its knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any									

transaction having that purpose or effect.

CUSIP NO. 33830X104

SIGNATURE

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

BVF INC.

Dated: February 14, 2019

BIOTECHNOLOGY VALUE FUND, L.P.

By: BVF Partners L.P., its general partner

By: BVF Inc., its general partner

By:/s/ Mark N. Lampert

Mark N. Lampert President

/s/ Mark N. Lampert MARK N. LAMPERT

President

By:/s/ Mark N. Lampert

Mark N. Lampert

BIOTECHNOLOGY VALUE FUND II, L.P.

By: BVF Partners L.P., its general partner

By: BVF Inc., its general partner

By:/s/ Mark N. Lampert Mark N. Lampert President

BVF PARTNERS L.P.

By: BVF Inc., its general partner

By:/s/ Mark N. Lampert Mark N. Lampert President

BVF PARTNERS OS LTD.

By: BVF Partners L.P., its sole member By: BVF Inc., its general partner

By:/s/ Mark N. Lampert Mark N. Lampert

President

Biotechnology Value Trading Fund OS LP

By: BVF Partners L.P., its investment manager

By: BVF Inc., its general partner

By:/s/ Mark N. Lampert Mark N. Lampert President