Common Stock

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL
OMB Number: 3235-0287
Estimated average burden
hours per response: 0.5

Venture

Partners Founders' Fund V, L.P.⁽⁶⁾

I

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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 [*] Polaris Venture Managemen	2. Issuer Name an <u>aTYR PHAF</u>				5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director X 10% Owner						
<u>L.L.C.</u>		3. Date of Earliest 05/12/2015	Transacti	on (M	lonth/Day/Year)		Officer (give below)		Other (specify below)	
(Last) (First) (Mi C/O POLARIS VENTURE PARTNER 1000 WINTER STREET, SUITE 3350	· ·	4. If Amendment, E	Date of O	rigina	l Filed (Month/I	Day/Yea	ır)	Carra fila al l	:/Group Filing (C by One Reportir by More than O	ng Person	
(Street) WALTHAM MA 02	541							X Person			
(City) (State) (Zip)										
Table	I - Non-Deriva	tive Securities	Acquir	ed,	Disposed o	of, or E	Benefi	cially Owned			
1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	on Date, Transaction Code (Instr.		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			Securities Beneficially Owned	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership	
			Code	v	Amount	nount (A) or Price Reported (D) Price Transaction		Following Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	(Instr. 4)	
Common Stock	05/12/2015		С		1,674,825	A	(1)	1,674,825 ⁽²⁾	I	By Polaris Venture Partners V, L.P. ⁽³⁾⁽⁴⁾	
Common Stock	05/12/2015		С		32,642	A	(1)	32,642 ⁽²⁾	I	By Polaris Venture Partners Entrepreneurs' Fund V, L.P. ⁽⁵⁾	
Common Stock	05/12/2015		с		11,472	A	(1)	11,472 ⁽²⁾	I	By Polaris Venture Partners Founders' Fund V, L.P. ⁽⁶⁾	
Common Stock	05/12/2015		С		16,748	A	(1)	16,748(2)	I	Polaris Venture Partners Special Founders' Fund V, L.P. ⁽⁷⁾	
Common Stock	05/12/2015		С		89,069	A	(8)	1,763,894(9)	I	By Polaris Venture Partners V, L.P. ⁽³⁾⁽⁴⁾	
Common Stock	05/12/2015		С		1,736	A	(8)	34,378(9)	I	By Polaris Venture Partners Entrepreneurs' Fund V, L.P. ⁽⁵⁾	
										By Polaris	

610

Α

(8)

12,082(9)

С

05/12/2015

1. Title of Secu	ırity (Instr.	3)	2. Transacti Date (Month/Day,		2A. Deemed Execution Date, if any (Month/Day/Year)		ite, 1			4. Securit Disposed and 5)	r. 3, 4	Secu Bene Own Follo	mount of irities eficially ed owing orted	6. Owne Form: D (D) or Indirect (Instr. 4)	irect Inc Be (I) Ov	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
							0	Code	v	Amount	(A) or (D)	Price	Tran	saction(s r. 3 and 4			
Common Sto	ck		05/12/20					С		890	A	(8)		7,638 ⁽⁹⁾	Ι	Ve Pa Sp Fc	plaris enture rtners pecial punders' and V, L.P. ⁽⁷
			Table II - De (e								f, or Bene ible secur		Owne	ed			
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. Transa Code (8)		Dispose	ve	Expi (Mo	ate Exer iration I nth/Day		7. Title and A Securities Un Derivative Sec and 4)	derlying	3	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4	Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exer	e rcisable	Expiration Date	Title	Amount Number Shares			Transaction(s) (Instr. 4)		
Series B Redeemable Convertible Preferred Stock	(1)	05/12/2015		с			3,473,7	63	(1)	(1)	Common Stock	436,72	5 ⁽²⁾	\$0.00	0	I	By Polaris Venture Partners V, L.P. ⁽³⁾⁽⁴⁾
Series B Redeemable Convertible Preferred Stock	(1)	05/12/2015		с			67,704	4	(1)	(1)	Common Stock	8,512	(2)	\$0.00	0	I	By Polaris Venture Partners Entrepreneurs Fund V, L.P. ⁽⁵⁾
Series B Redeemable Convertible Preferred Stock	(1)	05/12/2015		с			23,790	5	(1)	(1)	Common Stock	2,992	(2)	\$0.00	0	I	By Polaris Venture Partners Founders' Fund V, L.P. ⁽⁶⁾
Series B Redeemable Convertible Preferred Stock	(1)	05/12/2015		с			34,73′	7	(1)	(1)	Common Stock	4,367	(2)	\$0.00	0	I	Polaris Venture Partners Special Founders' Fund V, L.P. ⁽⁷⁾
Series B-2 Redeemable Convertible Preferred Stock	(1)	05/12/2015		С			4,168,6	83	(1)	(1)	Common Stock	524,09	0 ⁽²⁾	\$0.00	0	I	By Polaris Venture Partners V, L.P. ⁽³⁾⁽⁴⁾
Series B-2 Redeemable Convertible Preferred Stock	(1)	05/12/2015		С			81,24	3	(1)	(1)	Common Stock	10,214	4 ⁽²⁾	\$0.00	0	I	By Polaris Venture Partners Entrepreneurs Fund V, L.P. ⁽⁵⁾
Series B-2 Redeemable Convertible Preferred Stock	(1)	05/12/2015		с			28,55	5	(1)	(1)	Common Stock	3,590	(2)	\$0.00	0	I	By Polaris Venture Partners Founders' Fund V, L.P. ⁽⁶⁾
Series B-2 Redeemable Convertible Preferred Stock	(1)	05/12/2015		с			41,680	5	(1)	(1)	Common Stock	5,241	(2)	\$0.00	0	I	By Polaris Venture Partners Special Founders' Fund V, L.P. ⁽⁷⁾
Series C Redeemable Convertible Preferred Stock	(1)	05/12/2015		с			4,208,7	56	(1)	(1)	Common Stock	529,12	8(2)	\$0.00	0	I	By Polaris Venture Partners V, L.P. ⁽³⁾⁽⁴⁾
Series C Redeemable Convertible Preferred Stock	(1)	05/12/2015		с			82,029)	(1)	(1)	Common Stock	10,313	3(2)	\$0.00	0	I	By Polaris Venture Partners Entrepreneurs Fund V, L.P. ⁽⁵⁾

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. Transad Code (li 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 Am Securities Und Derivative Secu and 4)	erlying	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following	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	Title	Amount or Number of Shares		Reported Transaction(s) (Instr. 4)		
Series C Redeemable Convertible Preferred Stock	(1)	05/12/2015		С			28,831	(1)	(1)	Common Stock	3,624 ⁽²⁾	\$0.00	0	I	By Polaris Venture Partners Founders' Fund V, L.P. ⁽⁶⁾
Series C Redeemable Convertible Preferred Stock	(1)	05/12/2015		С			42,087	(1)	(1)	Common Stock	5,291 ⁽²⁾	\$0.00	0	I	By Polaris Venture Partners Special Founders' Fund V, L.P. ⁽⁷⁾
Series D Redeemable Convertible Preferred Stock	(1)	05/12/2015		С			1,470,577	(1)	(1)	Common Stock	184,882 ⁽²⁾	\$0.00	0	I	By Polaris Venture Partners V, L.P. ⁽³⁾⁽⁴⁾
Series D Redeemable Convertible Preferred Stock	(1)	05/12/2015		С			28,661	(1)	(1)	Common Stock	3,603 ⁽²⁾	\$0.00	0	I	By Polaris Venture Partners Entrepreneur Fund V, L.P. ⁽⁵⁾
Series D Redeemable Convertible Preferred Stock	(1)	05/12/2015		С			10,074	(1)	(1)	Common Stock	1,266 ⁽²⁾	\$0.00	0	I	By Polaris Venture Partners Founders' Fund V, L.P. ⁽⁶⁾
Series D Redeemable Convertible Preferred Stock	(1)	05/12/2015		С			14,706	(1)	(1)	Common Stock	1,849 ⁽²⁾	\$0.00	0	I	By Polaris Venture Partners Special Founders' Fund V, L.P. ⁽⁷⁾
Series E Redeemable Convertible Preferred Stock	(8)	05/12/2015		С			862,318	(8)	(8)	Common Stock	89,069 ⁽⁹⁾	\$0.00	0	I	By Polaris Venture Partners V, L.P. ⁽³⁾⁽⁴⁾
Series E Redeemable Convertible Preferred Stock	(8)	05/12/2015		С			16,806	(8)	(8)	Common Stock	1,736 ⁽⁹⁾	\$0.00	0	I	By Polaris Venture Partners Entrepreneur Fund V, L.P. ⁽⁵⁾
Series E Redeemable Convertible Preferred Stock	(8)	05/12/2015		С			5,906	(8)	(8)	Common Stock	610 ⁽⁹⁾	\$0.00	0	I	By Polaris Venture Partners Founders' Fund V, L.P. ⁽⁶⁾
Series E Redeemable Convertible Preferred Stock	(8)	05/12/2015		С			8,623	(8)	(8)	Common Stock	890 ⁽⁹⁾	\$0.00	0	I	By Polaris Venture Partners Special Founders' Fund V, L.P. ⁽⁷⁾

1. Name and Addre		
Polaris Vent	ss of Reporting Perso ure Partners \	
(Last) 1000 WINTER S	(First) STREET, SUITE 3	(Middle) 350
(Street) WALTHAM	МА	02451
(City)	(State)	(Zip)
		^{on'} Entrepreneurs'
(Last) 1000 WINTER S	(First) STREET, SUITE 3	(Middle) 350
(Street) WALTHAM	МА	02451
(City)	(State)	(Zip)
	iss of Reporting Perso ure Partners F	Founders' Fund V,
(Last) 1000 WINTER S	(First) STREET, SUITE 3	(Middle) 350
1000 WINTER S	STREET, SUITE 3	350
1000 WINTER S (Street) WALTHAM (City) 1. Name and Addre	MA (State) ss of Reporting Perso	350 02451 (Zip)
1000 WINTER S (Street) WALTHAM (City) 1. Name and Addre Polaris Vent Fund V, L.P. (Last)	MA (State) ss of Reporting Perso	350 02451 (Zip) on Special Founders' (Middle)
1000 WINTER S (Street) WALTHAM (City) 1. Name and Addre Polaris Vent Fund V, L.P. (Last)	MA (State) (State) (First)	350 02451 (Zip) on Special Founders' (Middle)

Explanation of Responses:

1. The aggregate number of shares of Issuer's Preferred Stock held by the Reporting Person converted into Common Stock immediately prior to the closing of the Issuer's initial public offering and has no expiration date. These shares converted into Common Stock on a 1-for-7.95413 basis.

2. Reflects a 1-for-7.95413 stock conversion of the Issuer's Preferred Stock into Common Stock which became effective immediately prior to the closing of the Issuer's initial public offering.

3. These shares are owned directly by Polaris Venture Partners V, L.P. ("Polaris V"), whose sole general partner is Polaris Venture Management Co. V, LLC ("Polaris Management"). Each of Jonathan A. Flint ("Flint") and Terrance G. McGuire ("McGuire") are the managing members of Polaris Management. Amir Nashat ("Nashat"), who is a member of the Issuer's Board of Directors, is a member of Polaris Management. Each of Flint, McGuire and Nashat, in their respective capacities with regard to Polaris Management, may be deemed to have shared voting and dispositive power over the shares held by each of Polaris V, Polaris Venture Partners Entrepreneurs' Fund V, L.P. ("Polaris Entrepreneurs' V"), Polaris Venture Partners' Fund V, L.P. ("Polaris Special Founders' V"), and together with Polaris V, Polaris Entrepreneurs' V and Polaris Founders' V, the "Polaris V Funds").

4. (Continued from Footnote 3) Each of Flint, McGuire, Nashat and Polaris Management disclaims beneficial ownership of these securities and this report shall not be deemed to be an admission that any one of them is the beneficial owner of such securities for purposes of Section 16 or any other purpose, except to the extent of their pecuniary interest therein.

5. These shares are owned directly by Polaris Entrepreneurs' V, whose sole general partner is Polaris Management. Each of Flint and McGuire are the managing members of Polaris Management. Nashat, who is a member of the Issuer's Board of Directors, is a member of Polaris Management. Each of Flint, McGuire and Nashat, in their respective capacities with regard to Polaris Management, may be deemed to have shared voting and dispositive power over the shares held by each of the Polaris V Funds. Each of Flint, McGuire, Nashat and Polaris Management disclaims beneficial ownership of these securities and this report shall not be deemed to be an admission that any one of them is the beneficial owner of such securities for purposes of Section 16 or any other purpose, except to the extent of their pecuniary interest therein.

6. These shares are owned directly by Polaris Founders' V, whose sole general partner is Polaris Management. Each of Flint and McGuire are the managing members of Polaris Management. Nashat, who is a member of the Issuer's Board of Directors, is a member of Polaris Management. Each of Flint, McGuire and Nashat, in their respective capacities with regard to Polaris Management, may be deemed to have shared voting and dispositive power over the shares held by each of the Polaris V Funds. Each of Flint, McGuire, Nashat and Polaris Management disclaims beneficial ownership of these securities and this report shall not be deemed to be an admission that any one of them is the beneficial owner of such securities for purposes of Section 16 or any other purpose, except to the extent of their pecuniary interest therein.

7. These shares are owned directly by Polaris Special Founders' V, whose sole general partner is Polaris Management. Each of Flint and McGuire are the managing members of Polaris Management. Nashat, who is a member of the Issuer's Board of Directors, is a member of Polaris Management. Each of Flint, McGuire and Nashat, in their respective capacities with regard to Polaris Management, may be deemed to have shared voting and dispositive power over the shares held by each of the Polaris V Funds. Each of Flint, McGuire, Nashat and Polaris Management disclaims beneficial ownership of these securities and this report shall not be deemed to be an admission that any one of them is the beneficial owner of such securities for purposes of Section 16 or any other purpose, except to the extent of their pecuniary interest therein.

8. The aggregate number of shares of Issuer's Preferred Stock held by the Reporting Person converted into Common Stock immediately prior to the closing of the Issuer's initial public offering and has no expiration date. These shares converted into Common Stock on a 1-for-9.6814 basis.

9. Reflects a 1-for 9.6814 stock conversion of the Issuer's Preferred Stock into Common Stock which became effective immediately prior to the closing of the Issuer's initial public offering.

Remarks:

/s/ John Gannon, Attorney-in-05/14/2015 Fact for Polaris Venture Management Co. V, L.L.C /s/ John Gannon, Attorney-in-Fact for Polaris Venture Management Co. V, L.L.C. 05/14/2015 the general partner of Polaris Venture Partners V, L.P. /s/ John Gannon, Attorney-in-Fact for Polaris Venture Management Co. V, L.L.C., 05/14/2015 the general partner of Polaris Venture Partners Entrepreneurs' Fund V, L.P. /s/ John Gannon, Attorney-in-Fact for Polaris Venture Management Co. V, L.L.C., 05/14/2015 the general partner of Polaris Venture Partners Founders' Fund V, L.P. /s/ John Gannon, Attorney-in-Fact for Polaris Venture Management Co. V, L.L.C 05/14/2015 the general partner of Polaris Venture Partners Special Founders' Fund V, L.P. ** 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.

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.