

OMB APPROVAL	
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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* <u>Singer Andrew E.</u> (Last) (First) (Middle) <u>C/O EPIZYME, INC.</u> <u>400 TECHNOLOGY SQUARE</u> (Street) <u>CAMBRIDGE MA 02139</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Epizyme, Inc. [EPZM]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>EVP & CFO</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>08/09/2017</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)				4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price					
Commons Stock, par value \$0.0001	08/09/2017		M		1,682	A	(1)		44,668	D		
Commons Stock, par value \$0.0001	08/09/2017		M		778	A	(1)		45,446	D		

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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. Transaction Code (Instr. 8)				6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	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
Restricted Stock Units	(1)	08/09/2017		M			1,682	(2)	(2)	Common Stock	1,682	\$0.00	30,274	D	
Restricted Stock Units	(1)	08/09/2017		M			778	(3)	(3)	Common Stock	778	\$0.00	13,992	D	

Explanation of Responses:

- Each restricted stock unit represents the contingent right to receive one share of Epizyme, Inc. common stock upon vesting.
- This award, granted on February 9, 2016, pursuant to the Company's 2013 Stock Incentive plan, vests as to 25% of the total award on February 9, 2016, a year from the commencement of employment, with the remaining 75% vesting in 36 substantially equal monthly installments thereafter. Vested shares will be delivered to the reporting person.
- This award, granted on February 9, 2015, pursuant to the Company's 2013 Stock Incentive Plan, vests as to 25% of the total award on February 9, 2016, with the remaining 75% vesting in 36 substantially equal monthly installments thereafter. Vested shares will be delivered to the reporting person.

Remarks:

/s/ Adriana Sullivan, attorney- 08/10/2017
in-fact

** 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.