Cole Douglas G. Form 4 March 27, 2013

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

10% Owner

Other (specify

0.5

Estimated average burden hours per response...

Check this box if no longer subject to Section 16. Form 4 or

SECURITIES

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

Cole Douglas G.

2. Issuer Name and Ticker or Trading

Symbol

TETRAPHASE

PHARMACEUTICALS INC

[TTPH]

(Last) (First) (Middle)

(Street)

3. Date of Earliest Transaction

(Month/Day/Year) 03/25/2013

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

1 MEMORIAL DRIVE, 7TH

FLOOR

4. If Amendment, Date Original

Filed(Month/Day/Year)

3.

6. Individual or Joint/Group Filing(Check

Applicable Line)

X_ Director

Officer (give title

X Form filed by One Reporting Person Form filed by More than One Reporting

CAMBRIDGE, MA 02142

(City) (State) (Zip)

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

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

TransactionAcquired (A) or Code (Instr. 8)

4. Securities Disposed of (D) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4) (Instr. 4)

Reported (A) Transaction(s)

Code V Amount (D) Price

(Instr. 3 and 4)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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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)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount Underlying Securiti (Instr. 3 and 4)	
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Non-qualified Stock Option (right to buy)	\$ 7.07	03/25/2013		A	20,000	<u>(1)</u>	03/24/2023	Common Stock	20,0

Reporting Owners

Reporting Owner Name / Address	Relationships						
• 0	Director	10% Owner	Officer	Other			
Cole Douglas G. 1 MEMORIAL DRIVE, 7TH FLOOR CAMBRIDGE, MA 02142	X						

Signatures

Reporting Person

/s/ Douglas Cole 03/27/2013

**Signature of Date

Explanation of Responses:

- * 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).
- (1) Vests in equal quarterly installments over a three-year period measured from the date of grant.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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