FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| | OMB APPROVAL | | | | | | | | | |
|---|--------------|---------|--|--|--|--|--|--|--|--|
| 1 | OMB Number | 2225.02 | | | | | | | | |

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

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

| Name and Address of Reporting Person* ULLIAN ELAINE (Circl) (Middle) | | | | | | VERTEX PHARMACEUTICALS INC / MA [VRTX] | | | | | | | | | | all app | er (give title | 10 Ot | % Owner her (specify low) | Owner (specify |
|--|---|--|---|---------|---|--|--|--|-----------|---|--------------------|---|---|--------|--|---|---|---|---|--|
| (Last) (First) (Middle) C/O VERTEX PHARMACEUTICALS INCORPORATED | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 02/13/2008 | | | | | | | | | | | 50.01 | , | 50 | | |
| 130 WAVERLY STREET (Street) CAMBRIDGE MA 02139 | | | | | 4. If | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | |
| (City) | (St | ate) (2 | Zip) | | | | | | | | | | | | | | | | | |
| | | Tabl | e I - Nor | ı-Deriv | ative | Se | curitie | s Acc | quired, | Dis | osed o | f, or | Bene | eficia | ally | Owne | ed | | | |
| 1. Title of Security (Instr. 3) 2. Transa Date (Month/D | | | | | | Executi Day/Year) if any | | A. Deemed secution Date, any lonth/Day/Year) | | 3. Transaction Code (Instr. 8) 4. Securi Disposed 5) | | | ities Acquired (A) d Of (D) (Instr. 3, | | | 5. Amount of Securities Beneficially Owned Following Reported | | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | t of Indirec ct Beneficia | of Indirect Beneficial Ownership |
| | | | | | | | | | | v | Amount | (| A) or D) | Price | • | Transaction(s) (Instr. 3 and 4) | | | (1130.4) | (1130.4) |
| Common Stock 02/13 | | | | | 3/2008 | 3 | | | P | | 1,000 | | A | \$19 | | 1,000 | | 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. Deeme Execution if any (Month/Da | Date, | 4. Transa Code (8) | | of Derive Secue Acque (A) or Disposor (D) (Instr | of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exercisa Expiration Date Month/Day/Yea | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) | | ount | | | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | of Indirect Beneficia Ownershi ct (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | | | Code V | | | | Exercisal | | Expiration Date | Title | Sha | res | | | | | | |

Explanation of Responses:

Remarks:

Valerie L. Andrews, Attorney-

In-Fact

** Signature of Reporting Person Date

02/14/2008

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.