FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Igion, D.C. 20549	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)

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940 5. Relationship of Reporting Person(s) to Issuer 2. Issuer Name and Ticker or Trading Symbol 1. Name and Address of Reporting Person (Check all applicable) VERTEX PHARMACEUTICALS INC / **Graves Kurt** Director 10% Owner MA [VRTX] Officer (give title Other (specify below) below) (Last) (Middle) (First) **EVP**, Chief Commercial Officer 3. Date of Earliest Transaction (Month/Dav/Year) C/O VERTEX PHARMACEUTICALS 07/24/2008 **INCORPORATED** 130 WAVERLY STREET 4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) (Street) Form filed by One Reporting Person 02139 **CAMBRIDGE** MA Form filed by More than One Reporting (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 2. Transaction 1. Title of Security (Instr. 3) 2A. Deemed 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5. Amount of 6. Ownership 7. Nature of Form: Direct
(D) or Indirect Indirect Beneficial Execution Date Transaction Securitie (Month/Day/Year) Beneficially if any Code (Instr. 5) Owned Following (Month/Day/Year) 8) (I) (Instr. 4) Ownership Reported (Instr. 4) (A) or (D) Transaction(s) Price Code Amount (Instr. 3 and 4) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Title of 3A. Deemed 6. Date Exercisable and 7. Title and Amount 8. Price of 9. Number of 11. Nature 3. Transaction 5. Number 10. Derivative Security Expiration Date (Month/Day/Year) of Securities Underlying Derivative Security Ownership Form: of Indirect Beneficial Conversion Transaction of Derivative derivative Securities (Month/Day/Year) or Exercise if any Code (Instr. (Instr. 3) Price of (Month/Day/Year) Securities Derivative Security (Instr. 5) Beneficially Direct (D) Ownership

	Derivative Security				Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)				(Instr. 3 and 4)			Owned Following Reported Transaction(s) (Instr. 4)	or Indirect (I) (Instr. 4)	(Instr. 4)
			Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Options	\$32.16	07/24/2008	A		36,250		10/24/2008 ⁽¹⁾	07/23/2018	Common	36,250	\$0	36,250	D	

Explanation of Responses:

 $1.\ Right to buy under 2006\ Stock\ and\ Option\ Plan, vesting\ in\ 16\ equal\ quarterly\ installments\ from\ 07/24/2008.$

Remarks:

Valerie L. Andrews, Attorney-

07/25/2008

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.