FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, D.C. 20049 | |
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OMB APPROVAL 3235-0287 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP 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). |

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| | nd Address of | 2. Issuer Name and Ticker or Trading Symbol VERTEX PHARMACEUTICALS INC / MA [VRTX] | | | | | | | | | heck all a Di | ship of Reporting pplicable) rector | | erson(s) to Is 10% Ov Other (s | vner | | | |
|--|--|--|--------------|---|---|--|--------|--|---|---|---|-------------------------------------|--|--------------------------------------|---|--|--|---|
| (Last) | | 3. Date of Earliest Transaction (Month/Day/Year) 05/15/2024 | | | | | | | | A be | below) EVP, Chief Scient | | below) | | | | | |
| INCORP 50 NORT | 4. If <i>I</i> | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | Individual or Joint/Group Filing (Check Applicable le) ${f X}$ Form filed by One Reporting Person | | | | . | | | | |
| (Street) BOSTON MA 02210 | | | | | Form filed by More than One Reportin Person | | | | | | | | | | orting | | | |
| (City) | (Sta | ate) (Z | <u>ľ</u> ip) | | Rule 10b5-1(c) Transaction Indication Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. | | | | | | | | | | | | | |
| | | Table | I - No | n-Deriva | tive S | Secui | rities | Acc | uired | , Dis | posed of, | , or B | enefici | ally Ov | vned | | | |
| 1. Title of Security (Instr. 3) 2. Transacti Date (Month/Day) | | | | | | Execution Da | | ate, | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A Disposed Of (D) (Instr. 3, 5) | | | d Sed Bei Ow | 5. Amount of Securities Beneficially Owned Following Reported | | m: Direct or Indirect nstr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | | | | | | | Code | v | Amount | (A) or (D) | Price | Tra | nsaction(s) str. 3 and 4) | | | (111511.4) |
| Common Stock 05/15/20 | | | | | |)24 | | S ⁽¹⁾ | | 54 | D | \$430 | 25,813 | | D | | | |
| | | Tal | ole II - | | | | | | | | osed of, c convertibl | | | | ned | | | |
| 1. Title of Derivative Security (Instr. 3) | tive Conversion Date by or Exercise (Month/Day/Year) if any | | tion Date, | 4. Transaction Code (Instr. 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 Amount of Securities Underlying Derivative Security (Inst 3 and 4) | | 8. Price Derivati Security (Instr. 5) | derivative Securities | ly | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | 0 - 4 - | ,, | (4) | (B) | Date | | Expiration | T:41- | or Number of | | | | | | | |

Explanation of Responses:

1. Transaction made pursuant to Dr. Altshuler's company approved trading plan under Rule 10b5-1, which was entered into on 5/10/2023.

Remarks:

/s/ Christiana Stevenson, 05/17/2024 Attorney-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.