FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Vashington, | $D \subset$ | 20549 |
|--------------|-------------|-------|
| vasilliquui, | D.C. | 20349 |

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL | | | | | | | | | |
|--------------------|-----------|--|--|--|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | | | | |
| 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

| Name and Address of Reporting Person* Burow Kristina | | | | | | | | | | | | | | | | S. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner | | | | | |
|--|---|--|---|-------------------------------|--------------------------------|---|---|---|---------------------------------------|------|------------------|---|---|---|--|--|--|--|---------------------------------------|--|--|
| (Last) (First) (Middle) | | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 06/06/2023 | | | | | | | | | r (give title | • | Other (below) | I | | |
| C/O BEAM THERAPEUTICS INC. 238 MAIN STREET | | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person | | | | | | |
| (Street) | IDGE M | ſA | 02142 | | | | | | | | | | | | | Form filed by More than One Reporting Person | | | | | |
| (City) | (5 | State) | (Zip) | | $ _{\Box}$ | 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. | | | | | | | | | | ed to | | | | | |
| | | Tab | le I - No | n-Deriv | ative | Sed | curities | s Ac | quired, | Dis | posed c | of, or E | ene | ficiall | y Owned | 1 | | | | | |
| Date | | | | 2. Transa Date (Month/D | Execution Date, | | | 3. Transaction Code (Instr. 3, 4) 5) 5) 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4) 5) | | | | Beneficially Owned Following | | Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership | | | | | |
| | | | | | | Code | v | Amount | (A) (D) | or | Price | ce Reported Transaction(s (Instr. 3 and 4 | | | | (Instr. 4) | | | | | |
| Common | Stock | | | | | | | | | | | | | | 2,721 | .,520 | See Sootnote ⁽¹⁾ | | | | |
| Common | Stock | | | | | | | | | | | | | | 2,721,519 I See foot: (3) | | | | ootnote ⁽¹⁾ | | |
| Common | Common Stock | | | | | | | | | | | | | 26,011 | | | 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. Deem Execution if any (Month/D | n Date, | 4. Transactio Code (Inst | | | | 6. Date Ex Expiration (Month/Da | Date | | Amoun Securit Underly Derivat | 7. Title and Amount of Securities Underlying Derivative Securit (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Numb derivativ Securitie Benefici Owned Followin Reporter Transact (Instr. 4) | ve es ally ig d tion(s) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership (Instr. 4) | | |
| | | | | | Code | v | (A) | (D) | Date Exercisab | | xpiration ate | Title | or Ni of | umber | | | | | | | |
| Stock Option (Right to Buy) | \$34.33 | 06/06/2023 | | | A | | 16,532 | | (4) | 0 | 6/06/2033 | Commo Stock | n 10 | 6,532 | 532 \$0 | | 16,532 | | | | |

Explanation of Responses:

- 1. Reflects change from indirect to direct ownership of shares previously reported as beneficially owned by the reporting person as a result of a distribution of Common Stock held by a limited partnership to its partners for no consideration.
- 2. The shares are held by ARCH Venture Fund IX, L.P. ("ARCH IX"). ARCH Venture Partners IX, L.P. ("GPLP"), as the sole general partner of ARCH IX, may be deemed to beneficially own the shares held by ARCH IX. ARCH Venture Partners IX, LLC ("GPLLC"), as the sole general partner of GPLP, may be deemed to beneficially own the shares held by GPLP. The reporting person has an interest in the GPLP and the GPLLC but does not have voting or investment control over the shares held by ARCH IX. The reporting person disclaims ownership of such shares, except to the extent of her pecuniary interest therein.
- 3. The shares are directly held by ARCH Venture Fund IX Overage, L.P. ("ARCH Overage"). ARCH Venture Partners IX Overage, L.P. ("Overage GPLP"), as the sole general partner of ARCH Overage, may be deemed to beneficially own the shares held by ARCH Overage. GPLLC, as the sole general partner of Overage GPLP, may be deemed to beneficially own the shares held by Overage GPLP. The reporting person has an interest in the Overage GPLP and the GPLLC but does not have voting or investment control over the shares held by ARCH Overage. The reporting person disclaims ownership of such shares, except to the extent of her pecuniary interest therein.
- 4. The option vests in full on the earlier of the first anniversary of the date of grant and the date of the next year's annual meeting of stockholders, subject to the reporting person's continued service to the board of directors of Beam Therapeutics Inc. through the vesting date.

By: /s/ Christine Bellon, 06/08/2023 Attorney-in-fact

** Signature of Reporting Person

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.