FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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| STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP |
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|------------------------|-----------|
| OMB Number:            | 3235-0287 |
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| 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).

|   | uon r(b).           |            |                     |  | 0                        | or Section  | 30(h) of the                                    | e Invest                                  | ment   | Company Act  | of 1940   |  |   |   |                                      |   |  |  |  |
|---|---------------------|------------|---------------------|--|--------------------------|---|---|---|--|--|---|--|---|---|--------------------------------------|---|--|--|--|
| 1. Name and Address of Reporting Person*  Evans John M.             |                     |            |                     |  |                          | 2. Issuer Name and Ticker or Trading Symbol Beam Therapeutics Inc. [ BEAM ] |   |   |  |  |   |  |   | Relationship of Reporting Person(s) to Issuer (Check all applicable)     X Director 10% Owner |                                      |   |  |  |  |
| (Last) (First) (Middle) C/O BEAM THERAPEUTICS INC., 238 MAIN STREET |                     |            |                     |  |                          | 4/28/20   | 22  | th/Day/Year)                              | X Officer (give title Other (specify below)  CEO |  |   |  |   |   |                                      |   |  |  |  |
| (Street)  | IDGE M              | IA         | _   4.<br>_         | 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     Form filed by More than One Reporting Person |   |   |                                      |   |  |  |  |
| (City)  | (S                  | state)     | (Zip)               |  |                          |   |   |   |  |  |   |  |   |   |                                      |   |  |  |  |
|   |                     | Та         | ble I - I           | Non-Deri   | ivativ                   | ve Sec  | urities A                                       | cquire                                    | ed, C  | isposed o  | of, or E  | Benefic  | ciall   | y Owned   |                                      |   |  |  |  |
| 1. Title of Security (Instr. 3)                                     |                     |            |                     | 2. Transaction<br>Date<br>(Month/Day/Ye                  |                          | Execu<br>) if any   | Deemed<br>ecution Date,<br>ny<br>enth/Day/Year) | 3.<br>Transaction<br>Code (Instr.<br>8)   |  | 4. Securities Acquired (A)<br>Disposed Of (D) (Instr. 3, 4 |   | d (A) or<br>r. 3, 4 and  | d 5)  | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following<br>Reported                     | ly                                   | 6. Ownershi<br>Form: Direc<br>(D) or Indire<br>(I) (Instr. 4) | Direct<br>ndirect<br>r. 4)                               | 7. Nature of Indirect Beneficial Ownership |  |
|   |                     |            |                     |  |                          |   |   | Code                                      | v  | Amount   | (A) or<br>(D)                                       | Price  |   | Transactio<br>(Instr. 3 an  | on(s)<br>id 4)                       |   |  | (Instr. 4)                                 |  |
| Common  | Stock               |            |                     | 04/28/2022   |                          |   |   | M   |  | 12,246   | Α   | \$7.22   |   | 1,101,  | 316                                  | D   |  |  |  |
| Common  | Stock               |            |                     | 04/28/2022   |                          |   |   | M   |  | 47,204   | A   | \$1.0  | 03  | 1,148,520   |                                      | Ι   | )  |  |  |
| Common  | Stock               |            |                     | 04/28/2022   |                          |   |   | <b>S</b> <sup>(1)</sup>                   |  | 3,900  | D   | \$36.5   | <del>59</del> <sup>(2)</sup>                  | 1,144,620   |                                      | Γ   | )  |  |  |
| Common  | Stock               |            |                     | 04/28/2022   |                          |   |   | <b>S</b> <sup>(1)</sup>                   |  | 13,655   | D   | \$37.4   | 18 <sup>(3)</sup>                             | 1,130,965   |                                      | D   |  |  |  |
| Common  | Stock               |            |                     | 04/28/2022   |                          |   |   | S <sup>(1)</sup>                          |  | 6,842  | D   | \$38.3   | 32(4)   | 1,124,123   |                                      | П   | )  |  |  |
| Common  | nmon Stock 04/28/20 |            | 2022                |  |                          | S <sup>(1)</sup>  |   | 4,503                                     | D  | \$39.4   | 19 <sup>(5)</sup>                                   | 1,119,620  |   | D   |                                      |   |  |  |  |
| Common  | Stock               |            |                     | 04/28/2  | 2022                     |   |   | S <sup>(1)</sup>                          |  | 1,100  | D   | \$40.7   | 73(6)   | 1,118,  | 520                                  | П   | )  |  |  |
| Common Stock  |                     | 04/28/2022 |                     |  |                          | S <sup>(1)</sup>  |   | 6,450                                     | D  | \$36.9   | <b>)</b> 8 <sup>(7)</sup>                           | 156,550  |   | 1   | 1                                    | By John<br>M. Evans,<br>III 2018<br>Irrevocable<br>Trust      |  |  |  |
| Common Stock  |                     | 04/28/2022 |                     | 22   |                          | S <sup>(1)</sup>  |   | 7,745                                     | D  | \$37.8   | 34 <sup>(8)</sup>                                   | 148,805  |   | 1   | I I                                  | By John<br>M. Evans,<br>III 2018<br>Irrevocable<br>Trust      |  |  |  |
| Common Stock  |                     | 04/28/2022 |                     |  |                          | S <sup>(1)</sup>  |   | 3,100                                     | D  | \$38.7   | 75 <sup>(9)</sup>                                   | 145,705  |   | I   |                                      | By John<br>M. Evans,<br>III 2018<br>Irrevocable<br>Trust      |  |  |  |
| Common Stock  |                     | 04/28/2022 |                     |  |                          | S <sup>(1)</sup>  |   | 2,348                                     | D  | \$39.7   | 3 <sup>(10)</sup>                                   | 143,357  |   | 1   | I I                                  | By John<br>M. Evans,<br>III 2018<br>Irrevocable<br>Trust      |  |  |  |
| Common Stock  |                     |            | 04/28/2022          |  |                          |   | S <sup>(1)</sup>                                |   | 357  | D  | \$40.8  | 8(11)  | 143,000                                       |   | I                                    |   | By John<br>M. Evans,<br>III 2018<br>Irrevocable<br>Trust |  |  |
|   |                     |            | Table               |  |                          |   |   |   |  | sposed of  |   |  |   | Owned   |                                      |   |  |  |  |
|   |                     |            | 4.<br>Trans<br>Code | eaction<br>(Instr.                                       | 6. Dat<br>Expir<br>(Mont |   | rcisable and<br>Date                            | 7. Title<br>of Secu<br>Underly<br>Derivat | and Amo  | ount   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Num<br>derivati<br>Securit<br>Benefic<br>Owned<br>Followi<br>Reporte<br>Transac<br>(Instr. 4  | ive<br>ies<br>cially<br>ing<br>ed<br>ction(s) | 10.<br>Ownersh<br>Form:<br>Direct (D<br>or Indire<br>(I) (Instr.                              | Beneficial ) Ownership ct (Instr. 4) |   |  |  |  |

|  |   | -   | Table II - Deriv<br>(e.g., |                                     |       |                           |   | uired, Dis<br>, options,                 | convertil    |   |          | Owned                  |   |  |  |
|--|---|---|----------------------------|-------------------------------------|-------|---------------------------|---|--|--------------|---|----------|------------------------|---|--|--|
| 1. Title of<br>Derivative<br>Stockrity<br>Option <sup>3</sup> )<br>(Right to<br>Buy) | 2.<br>Genversion<br>or Exercise<br>Price of<br>Der 7.22/e<br>Security | 3. Transaction Date (Month/Day/Year) 04/28/2022 | if any                     | Code<br>Transa<br>Code (<br>8)<br>M | etion | Deri<br>Sec<br>Acq<br>(A) | ivative<br>durities<br>durities<br>du.12,246<br>or<br>dosed | Expatis Blater Expiration D (Month/Day/) | te<br>(ear)  | 7itTetle and of Securit Underlying Commone (IrStock) ar | es<br>g  | Derivative<br>Security | 9. Number of derivative Securities Beneficially Ow.210,754 Following Reported | 10.  Ownership  Form: Direct (D) or InDrect (I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
| Stock<br>Option<br>(Right to<br>Buy)   | \$1.03  | 04/28/2022                                      |                            | —м—                                 |       |                           | 0) (Instr.<br>and 5)<br>47,204-                             | (13)                                     | -07/13/2028- | _Common_<br>Stock                                       | -47,204- | \$0.00                 | Transaction(s)<br>(Instr. 4)<br>237,141                                       | D  |  |
| Fundamenta   | - f D   |   |                            |                                     |       |                           |   |  |              |   |          |                        |   |  |  |

- Explanation of Responses:
- 1. The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan. The sale price reported is a weighted average price. The Reporting Person undertakes to provide to Beam Therapeutics Inc. ("BEAM"), any security holder of BEAM or the staff of the Securities and Exchange Commission, upon request, full information regarding Amount ber of shares sold at each separate price within the range.
- 2. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions ranging from \$36.36 to \$36.97, inclusive
- 3. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions rangin **Expiration**.06 to \$37.86, **ioR** lusive.

  4. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions ranging from \$38.09 to \$38.67, inclusive.
- 5. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions ranging from \$39.21 to \$39.88, inclusive.
- 6. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions ranging from \$40.08 to \$40.80, inclusive.
- 7. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions ranging from \$36.36 to \$37.34, inclusive.
- 8. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions ranging from \$37.38 to \$38.37, inclusive.
- 9. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions ranging from \$38.405 to \$39.261, inclusive.
- 10. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions ranging from \$39.51 to \$40.32, inclusive.
- 11. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions ranging from \$40.70 to \$40.96, inclusive.
- 12. The option vests as to 25% on the first anniversary of the of the vesting commencement date, January 8, 2018, and at a rate of 2.78% each month thereafter until the option is fully vested.
- 13. The option vests as to 25% on the first anniversary of the of the vesting commencement date, October 1, 2019, and at a rate of 2.78% each month thereafter until the option is fully vested.

## Remarks:

By: /s/ Christine Bellon, 05/02/2022 Attorney-in-fact

\*\* Signature of Reporting Person

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

- $^{\star}$  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.