FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. | 20549 |
|---------------|------|-------|
| vvasiliigton, | D.C. | 20040 |

BENEFICIAL OWNERSHIP

| STATE | MENT | OF | CHA | NGES | IN |
|-------|------|----|-----|------|----|

| UNIB APPR | OVAL |
|----------------------|-----------|
| OMB Number: | 3235-0287 |
| Estimated average bu | ırden |
| 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

| 1. Name and Address of Reporting Person* Manning Paul B | | | | | 2. Issuer Name and Ticker or Trading Symbol Taysha Gene Therapies, Inc. [TSHA] | | | | | | | | 5. Relationship of (Check all applical X Director | | licable) tor | <u> </u> | 10% | Owner | | | | |
|---|-----------------------|----------------------|---|-------------------------|---|--|---|---------------|--|--|-----------------------------------|---|--|---|--|--|-----|---------------|--------------------------------|--|--|--|
| | | E THERAPIES, | | 420 | 3. Date of Earliest Transaction (Mo 02/02/2022 | | | | | (Montl | h/Day/Year) | | | | Office below | er (give title v) | Э | Othe belov | r (specify v) | | | |
| 3000 PE | GASUS PA | RK DRIVE, SU | ITE 1 | 430 | 4. If Amendment, Date o | | | | | | f Original Filed (Month/Day/Year) | | | | | Individual or Joint/Group Filing (Check Applicable Line) | | | | | | |
| (Street) DALLA | S TX | 7 | 5247 | | | | | | | | | | | X | Form | filed by O filed by M on | | • | | | | |
| (City) | (Sta | ate) (Z | Zip) | | | | | | | | | | | | | | | | | | | |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) | | Date | Date (Month/Day/Year) | | 2A. Deemed Execution Date, if any (Month/Day/Year) | | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4 5) | | | Beneficially Owned Following | | Form | nership : Direct Indirect str. 4) | 7. Nature of Indirect Beneficial Ownership | | | | | | |
| | | | | | Code | v | Amount | (A) or (D) | Pric | Reported Transaction(s) (Instr. 3 and 4) | | | | (Instr. 4) | | | | | | | | |
| Common | Stock | | | 02/02/20 | 022 | | | | P | | 58,000 | A | \$7. | 77(1) | 92, | 202 | I |) (2) | | | | |
| Common | Stock | | | 02/02/20 | 022 | | | | P | | 45,000 | A | \$7. | 77(1) | 2,06 | 5,102 | | I | See footnote ⁽³⁾ | | | |
| Common | Stock | | | 02/02/20 | 022 | | | | P | | 22,000 | A | \$7. | 77(1) | 22, | 000 | | I | See footnote ⁽⁴⁾ | | | |
| Common Stock 02/03/20 | | | ງ22 | | | P | | 50,000 | A | \$7. | \$7.84 ⁽⁵⁾ 142,202 | | ,202 | D ⁽²⁾ | | | | | | | | |
| Common | Common Stock 02/03/20 | |)22 | | | P | | 26,602 | A | \$7. | 84 ⁽⁵⁾ | 2,091,704 | | | I | See footnote ⁽³⁾ | | | | | | |
| Common | Stock | | | | | | | | | | | | | | 3,195,205 | | | I | See footnote ⁽⁶⁾ | | | |
| | | Tal | ole II | - Derivati (e.g., pu | ive Se | ecurit alls, v | ies A varra | cqı nts. | iired, optic | Disp | osed of, o | or Be le se | nefic | ially es) | Owne | t | | | | | | |
| 1. Title of Derivative Security 2. Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year) (Month/Day/Year) 3. Transaction Date (Month/Day/Year) (Month/Day/Year) | | eemed Ition Date, | 4. Transaction Code (Instr. 8) | | 5. Num of Deriva Securi Acquii (A) or Dispos of (D) (Instr. and 5) | mber ative ities red sed 3, 4 | 6. Date Exer Expiration I (Month/Day/ | | cisable and | 7. Title and Amount of Securities Underlying Derivative Security (Instr 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4) | Ownersh Form: Direct (D or Indirect (I) (Instr. | | Beneficial Ownership ct (Instr. 4) | | | | | | |
| | | | | | Code | v | (A) | (D) | Date Exerci | sable | Expiration Date | Title | Amou or Numb of Share | er | | | | | | | | |
| Explanation | n of Respons | ses: | | | | | | | | | | | | | | | | | | | | |

- 1. The price reported in Column 4 is a weighted average price. These shares were purchased in multiple transactions at prices ranging from \$7.63 to \$7.93 inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares purchased at each separate price within the ranges set forth in footnotes (1) and (5).
- 2. Shares held by Mr. Manning jointly with his spouse.
- 3. The shares are held directly by BKB Growth Investments, LLC ("BKB"). The Reporting Person is a co-manager of Tiger Lily Capital, LLC, the manager of BKB, and has shared voting and investment power with respect to the shares held by BKB.
- 4. The shares are held directly by BKB G2 Investments LLC ("BKB G2"). The Reporting Person is a co-manager of Tiger Lily Capital, LLC, the manager of BKB G2, and has shared voting and investment power with respect to the shares held by BKB G2.
- 5. The price reported in Column 4 is a weighted average price. These shares were purchased in multiple transactions at prices ranging from \$7.725 to \$8.00 inclusive.
- 6. The securities are held by The Paul B. Manning Revocable Trust dated May 10, 2000 (the "Trust"). The Reporting Person is the trustee of the Trust and has sole voting and investment power with respect to the shares held by the Trust.

Remarks:

/s/ Kamran Alam, Attorney-in-02/04/2022 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.