FORM 4

obligations may continue. See

Instruction 1(b)

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C.	20549
-------------	------	-------

Check this box if no longer subject to	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP
Section 16. Form 4 or Form 5	
abligations may continue Con	

OMB APPROVAL		
OMB Number:	3235-0287	
Estimated average burden		
hours per response:	0.5	

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940 2. Issuer Name and Ticker or Trading Symbol 5. Relationship of Reporting Person(s) to Issuer 1. Name and Address of Reporting Person* (Check all applicable) <u>Taysha Gene Therapies, Inc.</u> [TSHA] Donenberg Phillip B. Director X 10% Owner 3. Date of Earliest Transaction (Month/Day/Year) Officer (give title Other (specify 05/29/2024 below) below) (Last) (First) (Middle) C/O TAYSHA GENE THERAPIES, INC. 4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable 3000 PEGASUS PARK DRIVE, SUITE 1430 Form filed by One Reporting Person Form filed by More than One Reporting (Street) Person **DALLAS** TX75247 Rule 10b5-1(c) Transaction Indication (City) (State) (Zip) 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 - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 1. Title of Security (Instr. 3) 2. Transaction 2A. Deemed 5. Amount of 6. Ownership 7. Nature Date (Month/Day/Year) Execution Date Securities Beneficially Form: Direct
(D) or Indirect of Indirect Beneficial Code (Instr. 5) Owned Following (Month/Day/Year) 8) (I) (Instr. 4) Ownership Reported Transaction(s) (Instr. 4) (A) or (D) Code Price Amount (Instr. 3 and 4) 05/29/2024 Common Stock 49,220(1) D \$0 163.331 Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 11. Nature of Indirect Beneficial 1. Title of 3. Transaction 3A. Deemed 5. Number 6. Date Exercisable and 7. Title and Amount 8. Price of 9. Number of 10. Date (Month/Day/Year) of Securities
Underlying
Derivative Security Conversion or Exercise Price of Execution Date, if any Transaction Code (Instr. 8) Derivative Expiration Date (Month/Day/Year) derivative Ownership Security (Instr. 3) Derivative Security Securities Form: (Month/Day/Year) Securities (Instr. 5) Beneficially Direct (D) Ownership Derivative Acquired (Instr. 3 and 4) (Instr. 4) Following (I) (Instr. 4) Security (A) or Disposed Reported Transaction(s) of (D) (Instr. 3, 4 and 5) (Instr. 4) Amount Number Date Expiration Code (A) (D) Exercisable Title Shares

Explanation of Responses:

\$3.17

Stock Option

(right to

buy)

1. Represents a restricted stock unit ("RSU") award. The RSUs will vest on the earlier of May 29, 2025 or the next annual stockholders meeting, subject to the Reporting Person's continued service as a director through the applicable vesting date

(2)

05/29/2034

2. The shares vest on the earlier of May 29, 2025 or the next annual stockholders meeting, subject to the Reporting Person's continued service as a director through the applicable vesting date.

98,440

/s/ Kamran Alam, Attorney-in-05/31/2024 Fact

\$0

98,440

D

** Signature of Reporting Person Date

98,440

Stock

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).

05/29/2024

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Α

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.