Form 144 Filer Information SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Form 144

FORM 144

NOTICE OF PROPOSED SALE OF SECURITIES

PURSUANT TO RULE 144 UNDER THE SECURITIES ACT OF 1933

144: Filer Information

Filer CIK 0001979693
Filer CCC XXXXXXXX
Is this a LIVE or TEST Filing? • LIVE • TEST

Submission Contact Information

Name Phone

E-Mail Address

Address of Issuer

144: Issuer Information

Name of Issuer Taysha Gene Therapies, Inc.

SEC File Number 001-39536

3000 PEGASUS PARK DRIVE

SUITE 1430 DALLAS

TEXAS 75247

Phone (214) 612-0000

Name of Person for Whose Account the Securities are To Be Sold McAuliffe Sean

See the definition of "person" in paragraph (a) of Rule 144. Information is to be given not only as to the person for whose account the securities are to be sold but also as to all other persons included in that definition. In addition, information shall be given as to sales by all persons whose sales are required by paragraph (e) of Rule 144 to be aggregated with sales for the account of the person filing this notice.

Relationship to Issuer Affiliate - Chief Business Officer

144: Securities Information

Title of the Class of Securities To Be Sold	Name and Address of the Broker		Aggregate Market Value			Name the Securities Exchange
Common	CARTA SECURITIES, LLC 333 Bush Street, Floor 23, Ste. 2300 San Francisco CA 94104	21305	14913.67	64234295	06/05/2023	NASDAQ

Furnish the following information with respect to the acquisition of the securities to be sold and with respect to the payment of all or any part of the purchase price or other consideration therefor:

144: Securities To Be Sold

Title of the Class	Date you Acquired	Nature of Acquisition Transaction	Name of Person from Whom Acquired	Is Date this Donor a Acquired	Amount of Securities Acquired	Date of Payment	Nature of Payment *
Common	06/01/2023 F	RSU Awards	Taysha Gene Therapies, Inc.		55728	06/01/2023	Vested grant settled in stock; consideration was Reporting Person's continued service as an employee of the Issuer.

^{*} If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

Furnish the following information as to all securities of the issuer sold during the past 3 months by the person for whose account the securities are to be sold.

144: Securities Sold During The Past 3 Months

Nothing to Report

144: Remarks and Signature

The Reporting Person is selling the securities set forth herein pursuant to a mandatory, non-discretionary, sell-tocover arrangement for the purpose of satisfying income tax liabilities incurred upon vesting of restricted stock Remarks

unit awards only.

Date of

06/01/2023 Notice

ATTENTION:

The person for whose account the securities to which this notice relates are to be sold hereby represents by signing this notice that he does not know any material adverse information in regard to the current and prospective operations of the Issuer of the securities to be sold which has not been publicly disclosed. If such person has adopted a written trading plan or given trading instructions to satisfy Rule 10b5-1 under the Exchange Act, by signing the form and indicating the date that the plan was adopted or the instruction given, that person makes such representation as of the plan adoption or instruction date.

Signature /s/ Sean McAuliffe

ATTENTION: Intentional misstatements or omission of facts constitute Federal Criminal Violations (See 18 U.S.C. 1001)