

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

Check this box if no longer subject to
Section 16. Form 4 or Form 5
obligations may continue. See
Instruction 1(b).

Check this box to indicate that a
transaction was made pursuant to a
contract, instruction or written plan
for the purchase or sale of equity
securities of the issuer that is
intended to satisfy the affirmative
defense conditions of Rule 10b5-
1(c). See Instruction 10.

1. Name and Address of Reporting Person* <u>Rhodes Jason P</u> (Last) (First) (Middle) <u>C/O DYNE THERAPEUTICS, INC.</u> <u>830 WINTER ST.</u> (Street) <u>WALTHAM MA 02451</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Dyne Therapeutics, Inc. [DYN]</u> 3. Date of Earliest Transaction (Month/Day/Year) <u>07/06/2026</u> 4. If Amendment, Date of Original Filed (Month/Day/Year)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) ☒ Director 10% Owner Officer (give title below) Other (specify below) 6. Individual or Joint/Group Filing (Check Applicable Line) ☒ Form filed by One Reporting Person Form filed by More than One Reporting Person
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Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	07/06/2026		s ⁽¹⁾		253,039	D	\$22.79 ⁽²⁾	4,223,448	I	See footnote ⁽³⁾
Common Stock	07/06/2026		s ⁽¹⁾		127,182	D	\$22.79 ⁽²⁾	1,217,537	I	See footnote ⁽⁴⁾
Common Stock	07/06/2026		s ⁽¹⁾		100,019	D	\$22.79 ⁽²⁾	875,912	I	See footnote ⁽⁵⁾
Common Stock	07/07/2026		s ⁽¹⁾		124,379	D	\$23.17 ⁽⁶⁾	4,099,069	I	See footnote ⁽³⁾
Common Stock	07/07/2026		s ⁽¹⁾		29,587	D	\$23.62 ⁽⁷⁾	4,069,482	I	See footnote ⁽³⁾
Common Stock	07/07/2026		s ⁽¹⁾		62,543	D	\$23.17 ⁽⁶⁾	1,154,994	I	See footnote ⁽⁴⁾
Common Stock	07/07/2026		s ⁽¹⁾		14,844	D	\$23.62 ⁽⁷⁾	1,140,150	I	See footnote ⁽⁴⁾
Common Stock	07/07/2026		s ⁽¹⁾		49,193	D	\$23.17 ⁽⁶⁾	826,719	I	See footnote ⁽⁵⁾
Common Stock	07/07/2026		s ⁽¹⁾		11,665	D	\$23.62 ⁽⁷⁾	815,054	I	See footnote ⁽⁵⁾
Common Stock	07/07/2026		s		5,000	D	\$23.61 ⁽⁸⁾	2,962	I	See footnote ⁽⁹⁾

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. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date					
						(A) (D)			Title Amount or Number of Shares				

Explanation of Responses:

1. Shares were sold pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on March 19, 2026.
2. The price reported in Column 4 is a weighted average price. These securities were sold in multiple transactions at prices ranging from \$22.4163 to \$23.25 inclusive. The Reporting Persons undertake 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 securities sold at each separate price

within the ranges set forth in footnotes (2) and (6) through (8).

3. The shares are held directly by Atlas Venture Fund XI, L.P. ("Atlas Venture Fund XI"). The general partner of Atlas Venture Fund XI is Atlas Venture Associates XI, L.P. ("AVA XI LP"). Atlas Venture Associates XI, LLC ("AVA XI LLC") is the general partner of AVA XI LP. The Reporting Person is a member of AVA XI LLC and disclaims Section 16 beneficial ownership of such securities held by Atlas Venture Fund XI, except to the extent of his pecuniary interest therein, if any.

4. The shares are owned directly by Atlas Venture Opportunity Fund II, L.P. ("AVOF II"). Atlas Venture Associates Opportunity II, LP ("AVAO II LP") is the general partner of AVOF II. Atlas Venture Associates Opportunity II, LLC ("AVAO II LLC") is the general partner of AVAO II LP. The Reporting Person is a member of AVAO II LLC and disclaims Section 16 beneficial ownership of such securities held by AVOF II, except to the extent of his pecuniary interest therein, if any.

5. The shares are held directly by Atlas Venture Opportunity Fund I, L.P. ("AVOF I"). The general partner of AVOF I is Atlas Venture Associates Opportunity I, L.P. ("AVAO I LP"). Atlas Venture Associates Opportunity I, LLC ("AVAO I LLC") is the general partner of AVAO I LP. The Reporting Person is a member of AVAO I LLC and disclaims Section 16 beneficial ownership of such securities held by AVOF I, except to the extent of his pecuniary interest therein, if any.

6. The price reported in Column 4 is a weighted average price. These securities were sold in multiple transactions at prices ranging from \$22.4572 to \$23.4553 inclusive.

7. The price reported in Column 4 is a weighted average price. These securities were sold in multiple transactions at prices ranging from \$23.46 to \$23.8628 inclusive.

8. The price reported in Column 4 is a weighted average price. These securities were sold in multiple transactions at prices ranging from \$23.50 to \$23.794 inclusive.

9. The shares are held directly by AVA XI LP. AVA XI LLC is the general partner of AVA XI LP. The Reporting Person is a member of AVA XI LLC and disclaims Section 16 beneficial ownership of the securities held by AVA XI LP, except to the extent of his pecuniary interest therein, if any.

/s/ Ommmer Chohan, Attorney-
in-Fact 07/08/2026

** 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.