FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL 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

Name and Address of Reporting Person* Lefebvre Eric						2. Issuer Name and Ticker or Trading Symbol PLIANT THERAPEUTICS, INC. [PLRX]									5. Relationship of Reporting Person(s) to Iss (Check all applicable) Director 10% Ow Officer (give title Other (sp				ner
(Last) C/O PLI	(Fir	st) (I	3. Date of Earliest Transaction (Month/Day/Year) 07/09/2024										belov	below) below) Chief Medical Officer			recity		
331 OYSTER POINT BOULEVARD						4. If Amendment, Date of Original Filed (Month/Day/Year)								Lin	6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person				
(Street) SOUTH SAN FRANCISCO CA 94080															Form filed by More than One Reporting Person				
(City) (State) (Zip)				Rule 10b5-1(c) Transaction Indication 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.													ded to		
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																			
1. Title of Security (Instr. 3) 2. Transac Date (Month/Date)					n/Day/Year) Exec			Deemed cution Date, y nth/Day/Year)					es Acquired (A) Of (D) (Instr. 3,		Benefic Owned	ies cially Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership
									Code	v	Amount	(A (D	A) or D)	Price		ed ction(s) 3 and 4)			(Instr. 4)
Common Stock 07/09/2					2024			Α		24,063(1	1)	A	\$0	225	225,371 ⁽²⁾				
	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)	if any	emed on Date, (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 Exercisabl Expiration Date (Month/Day/Year)		ite	7. Title a Amount Securitie Underlyi Derivativ Security 3 and 4)		,	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction((Instr. 4)	Owner Form: Direct or Indi (I) (Ins	ship (D) rect	Beneficial Ownership (Instr. 4)
				Code	v	(A)	(A) (D)		able	Expiration Date	Title	or Nur of	ount nber ires						

Explanation of Responses:

1. On July 28, 2022, the Reporting Person was granted 87,500 performance-vested stock units, the vesting of which were subject to the achievement of various pre-established performance criteria. On July 9, 2024, the Compensation Committee of the Issuer's Board of Directors certified the achievement of the performance criteria tied to the company's total shareholder return relative to the Nasdaq Biotechnology Index, resulting in the vesting of 24,063 shares.

Remarks:

/s/ Mike Ouimette, attorney-

** Signature of Reporting Person Date

07/11/2024

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.

^{2.} Includes 1,488 shares of Common Stock acquired by the Reporting Person pursuant to an Employee Stock Purchase Plan program.