

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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* <u>Coulie Bernard</u> (Last) (First) (Middle) C/O PLIANT THERAPEUTICS, INC. 260 LITTLEFIELD AVENUE (Street) SOUTH SAN FRANCISCO CA 94080 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>PLIANT THERAPEUTICS, INC. [PLRX]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <p style="text-align: center;">President and CEO</p>
	3. Date of Earliest Transaction (Month/Day/Year) 02/02/2023	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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	02/02/2023		M		15,000	A	\$6.22	255,112	D	
Common Stock	02/02/2023		S ⁽¹⁾		13,395	D	\$34.1265 ⁽²⁾	241,717	D	
Common Stock	02/02/2023		S ⁽¹⁾		1,605	D	\$34.9566 ⁽³⁾	240,112	D	
Common Stock	02/03/2023		M		15,000	A	\$6.22	255,112	D	
Common Stock	02/03/2023		S ⁽¹⁾		9,738	D	\$33.3629 ⁽⁴⁾	245,374	D	
Common Stock	02/03/2023		S ⁽¹⁾		5,262	D	\$34.0768 ⁽⁵⁾	240,112	D	
Common Stock								409,317	I	See footnote ⁽⁶⁾

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	(A)	(D)	Date Exercisable	Expiration Date						Title
Stock Option (right to buy)	\$6.22	02/02/2023		M			15,000	(7)	03/30/2030	Common Stock	15,000	\$0	342,262	D	
Stock Option (right to buy)	\$6.22	02/03/2023		M			15,000	(7)	03/30/2030	Common Stock	15,000	\$0	327,262	D	

Explanation of Responses:

- The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on December 1, 2022.
- The price reported in Column 4 is a weighted-average price. These shares were sold in multiple transactions at prices ranging from \$33.65 to \$34.60, inclusive. The Reporting Person undertakes to provide to Pliant Therapeutics, Inc., any security holder of Pliant Therapeutics, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in footnote (2) to this Form 4.
- The price reported in Column 4 is a weighted-average price. These shares were sold in multiple transactions at prices ranging from \$34.69 to \$35.48, inclusive. The Reporting Person undertakes to provide to Pliant Therapeutics, Inc., any security holder of Pliant Therapeutics, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in footnote (3) to this Form 4.
- The price reported in Column 4 is a weighted-average price. These shares were sold in multiple transactions at prices ranging from \$32.84 to \$33.83, inclusive. The Reporting Person undertakes to provide to Pliant Therapeutics, Inc., any security holder of Pliant Therapeutics, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in footnote (4) to this Form 4.
- The price reported in Column 4 is a weighted-average price. These shares were sold in multiple transactions at prices ranging from \$33.84 to \$34.56, inclusive. The Reporting Person undertakes to provide to Pliant Therapeutics, Inc., any security holder of Pliant Therapeutics, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in footnote (5) to this Form 4.
- Shares held by The Coulie/Leyman Family Trust. The Reporting Person and his spouse serve as trustees for the trust. The Reporting Person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein, and the inclusion of these shares in this report shall not be deemed an admission of beneficial ownership of all of the reported shares for purposes of Section 16 or for any other purpose.
- 1/48th of the shares subject to such option vest and become exercisable in substantially equal installments on each monthly anniversary of March 31, 2020 (or if there is no corresponding day in any such month, on the last day of such month), subject to the Reporting Person's continuous service to the Issuer on each such date.

/s/ Mike Ouimette, attorney-in-fact 02/06/2023

** 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.