

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).

☐ 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.

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

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

1. Name and Address of Reporting Person * <u>GILLIS JONATHAN</u> (Last) (First) (Middle) <u>C/O MAPLIGHT THERAPEUTICS, INC.</u> <u>800 CHESAPEAKE DRIVE</u> (Street) <u>REDWOOD</u> <u>CA</u> <u>94063</u> <u>CITY</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>MapLight Therapeutics, Inc. [MPLT]</u> Foreign Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner ☒ Officer (give title below) Other (specify below) <u>CAO and Interim CFO</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>08/17/2026</u>	
	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			
Voting Common Stock	08/17/2026		A		6,020 ⁽¹⁾	A	\$0 ⁽²⁾	150,260	D	
Voting Common Stock	08/17/2026		A		2,222 ⁽³⁾	A	\$0 ⁽²⁾	152,482	D	

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	Amount or Number of Shares				
Employee Stock Option (right to buy)	\$11.245	08/17/2026		A		24,455		(4)	08/16/2036	Voting Common Stock	24,455	\$0	24,455	D	
Employee Stock Option (Right to Buy)	\$11.245	08/17/2026		A		2,813		(5)	08/16/2036	Voting Common Stock	2,813	\$0	2,813	D	

Explanation of Responses:

1. Represents a restricted stock unit ("RSU") award. 1/4th of the RSUs shall vest on July 1, 2027, and 1/16th of the RSUs shall vest on each subsequent October 1, January 1, April 1 and July 1 thereafter, subject to the Reporting Person's continued service through each vesting date.
2. Each RSU represents a contingent right to receive one share of voting common stock of the Issuer.
3. Represents an RSU award. The RSUs shall vest in 8 equal quarterly installments commencing on October 1, 2026, subject to the Reporting Person's continued service through each vesting date.
4. 1/4th of the total shares underlying the option shall vest on July 1, 2027, and 1/48th of the total shares shall vest each month thereafter on the same day of the month, subject to the Reporting Person's continued service through each vesting date.
5. The option share vest in 24 equal monthly installments commencing on August 1, 2026, subject to the Reporting Person's continued service through each vesting date.

/s/ Kristopher L. Hanson, 08/19/2026
Attorney-in-Fact

** 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.