

OMB APPROVAL	
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**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).

1. Name and Address of Reporting Person* <u>Carey Thomas D.</u> _____ (Last) (First) (Middle) <u>C/O STANDARD BIOTOOLS INC.</u> <u>2 TOWER PLACE, STE 2000</u> _____ (Street) <u>SOUTH SAN FRANCISCO CA 94080</u> _____ (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>STANDARD BIOTOOLS INC. [ LAB ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>01/05/2024</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	
	Rule 10b5-1(c) Transaction Indication <input type="checkbox"/> 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.	

**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	01/05/2024		A		79,412 <sup>(1)</sup>	A	\$0	79,412	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
Stock Option (Right to buy)	\$2.47	01/05/2024		A		205,794		(2)	06/07/2033	Common Stock	205,794	(3)(4)	205,794	D	

**Explanation of Responses:**

- Represents Restricted Stock Units ("RSUs") that vest in four equal annual installments beginning January 5, 2025, subject to the Reporting Person's continued service through the applicable vesting date. Each RSU represents the right to receive one share of common stock upon vesting.
- 25% of the shares underlying the option vest on June 8, 2024, and thereafter 1/36th of the total grant vests monthly until such time as the option is fully vested, subject to the Reporting Person's continued service through the applicable vesting date.
- Pursuant to the Agreement and Plan of Merger, dated October 4, 2023, by and among Standard BioTools Inc. (the "Company"), Martis Merger Sub, Inc. and SomaLogic, Inc. ("Soma Logic") (the "Merger"), each option to purchase SomaLogic common stock (a "SomaLogic Option"), whether vested or unvested, that was outstanding immediately prior to the effective time of the Merger (the "Effective Time"), was converted into an option to acquire the number of shares of common stock of the Company equal to the product of (i) the number of shares subject to such SomaLogic Option as of immediately prior to the Effective Time, multiplied by (ii) 1.11 (the "Exchange Ratio") rounded down to the nearest whole number of shares of the Company's common stock, at an exercise price per share equal to the quotient obtained by dividing the per share exercise price of the SomaLogic Option by the Exchange Ratio, rounded up to the nearest whole cent.
- Except as noted above, each assumed SomaLogic Option will continue to be governed by the same terms and conditions, including vesting terms and provision, as were applicable to such SomaLogic Option immediately prior to the Effective Time.

/s/ Agnieszka Gallagher,  
Attorney-in-Fact

01/09/2024

\*\* 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.