

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

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>Black Jeffrey G.</u> <hr/> (Last) (First) (Middle) C/O STANDARD BIOTOOLS INC. 2 TOWER PLACE, STE 2000 <hr/> (Street) SOUTH SAN FRANCISCO CA 94080 <hr/> (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) Director 10% Owner Officer (give title below) Other (specify below) SVP & Chief Financial Officer |
| | 3. Date of Earliest Transaction (Month/Day/Year) 05/20/2024 | |
| | 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 | 05/20/2024 | | A | | 300,000 ⁽¹⁾ | A | \$0 | 419,836 | 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) | \$2.58 | 05/20/2024 | | A | | 400,000 | | (2) | 05/20/2034 | Common Stock | 400,000 | \$0 | 400,000 | D | |

Explanation of Responses:

- Represents Restricted Stock Units ("RSUs") that vest as to 1/16th of the RSUs on August 20, 2024, with the remaining RSUs vesting in equally quarterly installments over four years thereafter, 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.
- The Option becomes exercisable as to 1/16th of the underlying shares on August 20, 2024, with the remaining shares vesting in equal quarterly installments over four years thereafter, subject to the Reporting Person's continued service through the applicable vesting date.

/s/ Jeffrey G. Black by
Agnieszka Gallagher, Attorney- in-Fact 05/21/2024

** 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.