

| 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*<br><u>Brooks Gabriel</u> |         |          | 2. Issuer Name and Ticker or Trading Symbol<br><u>Solid Biosciences Inc. [ SLDB ]</u>  |  |  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br>Director _____ 10% Owner _____<br>Officer (give title below) <input checked="" type="checkbox"/> Chief Medical Officer _____ Other (specify below) _____ |  |  |
| (Last)  | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>10/18/2023</u>  |  |  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person                      |  |  |
| C/O SOLID BIOSCIENCES<br>500 RUTHERFORD AVENUE                    |         |          | 4. If Amendment, Date of Original Filed (Month/Day/Year)   |  |  |   |  |  |
| (Street)<br>CHARLESTOWN MA 02129                                  |         |          | Rule 10b5-1(c) Transaction Indication<br><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. |  |  |   |  |  |
| (City)  | (State) | (Zip)    |  |  |  |   |  |  |

**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 |   |  |   |

**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 |
| Employee Stock Option (Right to Buy)       | \$2.15   | 10/18/2023                           |  | A                              |   | 78,000   |     | (1)  | 10/18/2023      | Common Stock  | 78,000                                     | \$0.00   | 78,000  | D  |       |
| Restricted Stock Units                     | (2)  | 10/18/2023                           |  | A                              |   | 39,000   |     | (3)  | (3)             | Common Stock  | 39,000                                     | \$0.00   | 39,000  | D  |       |

**Explanation of Responses:**

- This option was granted on October 18, 2023 ("Grant Date") and vests over four years, with 25% of the original number of shares vesting on the first anniversary of the Grant Date and 2.0833% of the original number of shares monthly thereafter until the fourth such anniversary.
- Each restricted stock unit represents a contingent right to receive one share of the Issuer's common stock (the "RSUs").
- The RSUs were granted on the Grant Date and vests over four years, with 25% of the original number of shares vesting on each anniversary of the Grant Date until the fourth such anniversary.

/s/ David Tyrone Howton as attorney-in-fact for Gabriel Brooks 10/20/2023

\*\* 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.