

| 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>Spaventa Andrew</u> | | | 2. Issuer Name and Ticker or Trading Symbol <u>Singular Genomics Systems, Inc. [OMIC]</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) Chief Executive Officer | | |
| (Last) | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) <u>06/15/2024</u> | | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person | | |
| 3010 SCIENCE PARK ROAD | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | |
| (Street) | SAN DIEGO CA 92121 | | 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. | | | | | |
| (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 | | | |
| Common Stock | 06/15/2024 | | M ⁽¹⁾ | | 14,584 | A | (1) | 24,350 | D | |
| Common Stock | 06/15/2024 | | G ⁽²⁾ | | 14,584 | D | \$0 | 9,766 | D | |
| Common Stock | 06/15/2024 | | G ⁽²⁾ | | 14,584 | A | \$0 | 4,162,144 | I | By The Andrew K. Spaventa Living Trust dated April 9, 2014 |
| Common Stock | | | | | | | | 2,569 | I | By Axon Holdings, LLC ⁽³⁾ |

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 |
| Restricted Stock Units | (4) | 06/15/2024 | | M | | | 14,584 | (5) | (5) | Common Stock | 14,584 | \$0 | 160,416 | D | |

Explanation of Responses:

- Represents shares of Common Stock issued pursuant to settlement of vested Restricted Stock Units ("RSUs"). Each RSU represents a contingent right to receive one share of the Issuer's Common Stock.
- Immediately upon vesting of the Reporting Person's RSUs, the Reporting Person transferred his shares as a gift to The Andrew K. Spaventa Living Trust dated April 9, 2014.
- The shares are held directly by Axon Holdings, LLC. The managing member of Axon Holdings, LLC is Axon Managers, LLC. The Reporting Person is a managing member of Axon Managers, LLC and may be deemed to have shared voting and investment power over the shares held by Axon Holdings, LLC. The Reporting Person disclaims beneficial ownership of the shares except to the extent of his pecuniary interest therein.
- Each RSU represents a contingent right to receive one share of the Issuer's Common Stock.
- The RSUs vest in 16 equal quarterly installments over four years measured from March 15, 2023.

/s/ Dalen Meeter, Attorney-in-Fact 06/18/2024

** 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.