

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

| OMB APPROVAL | |
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| 1. Name and Address of Reporting Person* <u>CARELLA THOMAS J.</u> (Last) (First) (Middle) <u>C/O GOLDMAN, SACHS & CO.</u> <u>200 WEST STREET</u> (Street) <u>NEW YORK NY 10282</u> (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>T2 Biosystems, Inc. [TTOO]</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>12/09/2015</u> | |
| | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 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 |

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 | 12/09/2015 | | P | | 700,000 ⁽²⁾ | A | \$9.75 | 4,157,240 ⁽³⁾ | I | See footnotes ⁽¹⁾⁽²⁾⁽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) |
|--|--|--------------------------------------|--|--------------------------------|--|-----|--|-----------------|---|--|--|---|--|
| | | | | | (A) | (D) | Date Exercisable | Expiration Date | | | | | |
| Stock options (Right to buy) | \$18.59 | | | | | | (4) | 06/19/2025 | Common Stock | 17,647 | 17,647 | I | See footnotes ⁽¹⁾⁽⁴⁾ |

Explanation of Responses:

- The Reporting Person is a managing director of Goldman, Sachs & Co. ("Goldman Sachs"). Goldman Sachs is a wholly owned subsidiary of The Goldman Sachs Group, Inc. ("GS Group"). The Reporting Person disclaims beneficial ownership of the securities reported herein except to the extent of his pecuniary interest therein, if any.
- In connection with the closing of a follow-on public offering (the "Offering") of Common Stock, par value \$0.001 per share (the "Common Stock") of T2 Biosystems, Inc. which occurred on December 9, 2015, certain investment entities (the "GS Funds"), purchased an aggregate of 700,000 shares of Common Stock at the Offering price of \$9.75 per share of Common Stock.
- GS Group and Goldman Sachs may be deemed to beneficially own indirectly, in the aggregate, 4,157,240 shares of Common Stock by reason of the direct beneficial ownership of Common Stock by certain of the GS Funds because GS Group, or affiliates of GS Group and Goldman Sachs, are the general partner, managing general partner, managing partner, managing member or member of each of the GS Funds. Goldman Sachs is a wholly owned subsidiary of GS Group. Goldman Sachs is the investment manager of certain of the GS Funds.
- The stock options vest and become exercisable in 12 substantially equal monthly installments commencing June 19, 2015. The Reporting Person has an understanding with GS Group pursuant to which he holds such options for the benefit of GS Group.

Remarks:

/s/ Yvette Kusic, Attorney-in-fact 12/11/2015

** 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.