

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

<b>OMB APPROVAL</b>	
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

<p>1. Name and Address of Reporting Person*</p> <p><u>CARELLA THOMAS J.</u></p> <hr/> <p>(Last) (First) (Middle)</p> <p><u>C/O GOLDMAN, SACHS &amp; CO.</u></p> <p><u>200 WEST STREET</u></p> <hr/> <p>(Street)</p> <p><u>NEW YORK NY 10282</u></p> <hr/> <p>(City) (State) (Zip)</p>	<p>2. Issuer Name and Ticker or Trading Symbol</p> <p><u>T2 Biosystems, Inc. [ TTOO ]</u></p> <hr/> <p>3. Date of Earliest Transaction (Month/Day/Year)</p> <p><u>08/12/2014</u></p> <hr/> <p>4. If Amendment, Date of Original Filed (Month/Day/Year)</p>	<p>5. Relationship of Reporting Person(s) to Issuer (Check all applicable)</p> <p><input checked="" type="checkbox"/> Director 10% Owner</p> <p>Officer (give title below) Other (specify below)</p> <hr/> <p>6. Individual or Joint/Group Filing (Check Applicable Line)</p> <p><input checked="" type="checkbox"/> Form filed by One Reporting Person</p> <p>Form filed by More than One Reporting Person</p>
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**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	08/12/2014		C		2,548,150 <sup>(2)</sup>	A	(2)	2,548,150 <sup>(2)</sup>	I	See footnotes <sup>(1)</sup> (2)(3)(4)
Common Stock	08/12/2014		P		909,090 <sup>(3)</sup>	A	\$11	3,457,240 <sup>(2)(3)</sup>	I	See footnotes <sup>(1)</sup> (2)(3)(4)

**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	Amount or Number of Shares				
Series E Preferred Stock	(2)	08/12/2014		C			4,331,858	(2)	(2)	Common Stock	2,548,150	(2)	0	I	See footnotes <sup>(1)(2)</sup>

**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 the initial public offering (the "IPO") of Common Stock, par value \$0.001 per share (the "Common Stock") of T2 Biosystems, Inc. (the "Company"), which occurred on August 12, 2014, 4,331,858 shares of the Company's Series E Preferred Stock (the "Preferred Stock"), beneficially owned directly by certain entities (the "GS Funds"), and which may be deemed to have been beneficially owned indirectly by GS Group and Goldman Sachs, automatically converted into 2,548,150 shares of the Company's Common Stock. The Preferred Stock was immediately exercisable and had no expiration date.
- On August 12, 2014, in connection with the closing of the IPO, certain of the GS Funds purchased an aggregate of 909,090 shares of Common Stock at the IPO price of \$11.00 per share of Common Stock.
- GS Group and Goldman Sachs may be deemed to beneficially own indirectly, in the aggregate, 3,457,240 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.

**Remarks:**

/s/ Kevin P. Treanor, Attorney-in-fact      08/14/2014

\*\* 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.

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