

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>Mueller Richard</u> (Last) (First) (Middle) <u>C/O TRANSENERIX, INC.</u> <u>635 DAVIS DRIVE, SUITE 300</u> (Street) <u>MORRISVILLE NC 27560</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>TRANSENERIX INC. [TRXC.OB]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner X Officer (give title below) Other (specify below) <u>Chief Operating Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>02/13/2014</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

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	Amount or Number of Shares				
Stock Option	\$1.6	02/13/2014		A		200,000		(1)	02/13/2024	Common Stock	200,000	\$0.00	200,000	D	
Stock Option	\$1.6	02/13/2014		A		120,000		(2)	02/13/2024	Common Stock	120,000	\$0.00	120,000	D	

Explanation of Responses:

- The award is earned based on three identified performance goals with one-third vesting upon achievement of each goal. The earned award shares will vest and become exercisable on September 30, 2015.
- Vests 25% on the first anniversary of the date of grant and 1/48th of the entire award monthly on the vesting date anniversary for 36 months, subject to acceleration as set forth in the Incentive Plan.

Remarks:

/s/Joshua Weingard, as
Attorney-in-Fact for Richard 02/18/2014
Mueller

** 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.

POWER OF ATTORNEY

For Executing Forms 3, 4 and 5

Know all persons by these presents, that the undersigned hereby constitutes and appoints each of Joshua Weingard and Joseph P. Slattery, and each or either of them, his true and lawful attorney-in-fact to:

- (1) prepare and/or execute for and on behalf of the undersigned, in the undersigned's capacity as a director of TransEnterix, Inc. (the "Company"), Forms 3, 4 and 5 to report transactions in the Company's securities reportable by the undersigned in accordance with the provisions of Section 16(a) of the Securities Exchange Act of 1934, as amended and the rules and regulations promulgated thereunder;
- (2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete the preparation and execution of any such Form 3, 4 or 5, and any amendment thereto, and the timely filing of any such Form 3, 4 or 5, and any amendment thereto, with the United States Securities and Exchange Commission and any other authority, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in his or her discretion; and
- (3) resign as attorney-in-fact and appoint, as a replacement attorney-in-fact, any employee of the Company's legal or finance department at the time of such resignation; provided that such resigning and replacement attorneys-in-fact shall send notice to the undersigned of any such replacement.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform all and every act and thing whatsoever requisite, necessary and proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or any replacement attorney-in-fact, shall lawfully do or cause to be done by virtue of this Power of Attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, and any replacement attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934, as amended or the rules and regulations promulgated thereunder.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 18th day of February, 2014.

/s/ Richard Mueller
Signature

Richard Mueller
Print Name