

TRANSGENOMIC INC  
Form 4/A  
December 15, 2016

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**Koppler Doit II**

(Last) (First) (Middle)

**C/O THIRD SECURITY, LLC, 1881 GROVE AVENUE**

(Street)

**RADFORD, VA 24141**

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**TRANSGENOMIC INC [TBIO]**

3. Date of Earliest Transaction  
(Month/Day/Year)  
**12/13/2016**

4. If Amendment, Date Original Filed(Month/Day/Year)  
**10/11/2016**

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)

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 Ownership (Instr. 4)		
				(A) or (D)	Code	V	Amount	(D)	Price

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative Securities	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)
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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option to Purchase Common Stock <sup>(1)</sup>	\$ 0.34	12/13/2016	A	5,000					12/13/2017	12/13/2026	Common Stock	5,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Koppler Doit II C/O THIRD SECURITY, LLC 1881 GROVE AVENUE RADFORD, VA 24141	X			

## Signatures

/s/ Doit L.  
Koppler II 12/15/2016  
 \*\*Signature of Date  
 Reporting Person

## Explanation of Responses:

- \* 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).
- This stock option was originally granted pursuant to the Company's 2006 Equity Incentive Plan, as amended (the "2006 Plan") on October 6, 2016 (the "Grant"). On December 13, 2016, the Board of Directors of the Company (the "Board") approved the 2016 Stock Option and (1) Incentive Plan (the "2016 Plan") and recommended the 2016 Plan for approval by the Company's stockholders. The 2016 Plan is intended to serve as a successor to and replacement for the 2006 Plan. Also on December 13, 2016, the Board re-issued the Grant pursuant to the 2016 Plan, subject to the approval of the 2016 Plan by the Company's stockholders. This amended Form 4 reflects this re-issuance.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.