

TRANSGENOMIC INC

Form 3

January 10, 2011

FORM 3**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

OMB APPROVAL

OMB
Number: 3235-0104Expires: January 31,
2005Estimated average
burden hours per
response... 0.5**INITIAL STATEMENT OF 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 *

KIRK RANDAL J

(Last)

(First)

(Middle)

2. Date of Event Requiring
Statement

(Month/Day/Year)

12/29/2010

3. Issuer Name and Ticker or Trading Symbol
TRANSGENOMIC INC [TBIO.OB]4. Relationship of Reporting
Person(s) to Issuer5. If Amendment, Date Original
Filed(Month/Day/Year)

(Check all applicable)

____ Director ____X____ 10% Owner
____ Officer ____ Other
(give title below) (specify below)6. Individual or Joint/Group
Filing(Check Applicable Line)
____ Form filed by One Reporting
Person
X Form filed by More than One
Reporting PersonC/O THIRD SECURITY,
LLC, 1881 GROVE AVENUE

(Street)

RADFORD, VA 24141

(City)

(State)

(Zip)

Table I - Non-Derivative Securities Beneficially Owned1. Title of Security
(Instr. 4)2. Amount of Securities
Beneficially Owned
(Instr. 4)3. Ownership
Form:
Direct (D)
or Indirect
(I)
(Instr. 5)4. Nature of Indirect Beneficial
Ownership
(Instr. 5)Reminder: Report on a separate line for each class of securities beneficially
owned directly or indirectly.

SEC 1473 (7-02)

**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 control number.****Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**1. Title of Derivative Security
(Instr. 4)2. Date Exercisable and
Expiration Date
(Month/Day/Year)Date
ExercisableExpiration
Date3. Title and Amount of
Securities Underlying
Derivative Security
(Instr. 4)

Title

Amount or
Number of
Shares4. Conversion
or Exercise
Price of
Derivative
Security5. Ownership
Form of
Derivative
Security:
Direct (D)
or Indirect
(I)6. Nature of Indirect
Beneficial
Ownership
(Instr. 5)

(Instr. 5)

Series A Convertible Preferred Stock	12/29/2010	Â ⁽¹⁾	Common Stock	4,137,928 ⁽³⁾	\$ 0 ⁽⁴⁾	I	By Third Security Senior Staff 2008 LLC ⁽²⁾
Warrant to Purchase Shares of Series A Convertible Preferred	12/29/2010	12/28/2015	Common Stock	2,068,964 ⁽³⁾	\$ 2.32 ⁽⁵⁾	I	By Third Security Senior Staff 2008 LLC ⁽²⁾
Series A Convertible Preferred Stock	12/29/2010	Â ⁽¹⁾	Common Stock	4,137,928 ⁽³⁾	\$ 0 ⁽⁴⁾	I	By Third Security Staff 2010 LLC ⁽²⁾
Warrant to Purchase Shares of Series A Convertible Preferred	12/29/2010	12/28/2015	Common Stock	2,068,964 ⁽³⁾	\$ 2.32 ⁽⁵⁾	I	By Third Security Staff 2010 LLC ⁽²⁾
Series A Convertible Preferred Stock	12/29/2010	Â ⁽¹⁾	Common Stock	2,068,964 ⁽³⁾	\$ 0 ⁽⁴⁾	I	By Third Security Incentive 2010 LLC ⁽²⁾
Warrant to Purchase Shares of Series A Convertible Preferred	12/29/2010	12/28/2015	Common Stock	1,034,480 ⁽³⁾	\$ 2.32 ⁽⁵⁾	I	By Third Security Incentive 2010 LLC ⁽²⁾

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
KIRK RANDAL J C/O THIRD SECURITY, LLC 1881 GROVE AVENUE RADFORD, VA 24141	Â	Â X	Â	Â
Third Security Senior Staff 2008 LLC C/O THIRD SECURITY, LLC 1881 GROVE AVENUE RADFORD, VA 24141	Â	Â X	Â	Â
Third Security Staff 2010 LLC C/O THIRD SECURITY, LLC 1881 GROVE AVENUE RADFORD, VA 24141	Â	Â X	Â	Â
Third Security Incentive 2010 LLC C/O THIRD SECURITY, LLC 1881 GROVE AVENUE RADFORD, VA 24141	Â	Â X	Â	Â

Signatures

/s/ Randal J.
Kirk

01/10/2011

 Signature of
Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(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).

(1) Not applicable

Randal J. Kirk controls each of Third Security Senior Staff 2008 LLC, Third Security Staff 2010 LLC and Third Security Incentive 2010

(2) LLC. Shares held by these entities may be deemed to be indirectly beneficially owned (as defined under Rule 13d-3 promulgated under the Securities Exchange Act of 1934, as amended) by Mr. Kirk.

(3) Assumes conversion of shares of Series A Convertible Preferred Stock into Common Stock.

(4) Pursuant to its terms, each share of Series A Convertible Preferred Stock is convertible into four shares of Common Stock at a conversion price of \$0.58 per share.

(5) Representing the per share price of each share of Series A Preferred Stock issuable upon exercise of the applicable Warrant, which such shares of Series A Preferred Stock are convertible in the manner described in Item 3 above.

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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