

Markin Rodney S  
 Form 4/A  
 February 21, 2012

**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 \*  
 Markin Rodney S

(Last) (First) (Middle)

C/O UNIVERSITY OF NEBR  
 MEDICAL CENTER, 985520  
 NEBRASKA MEDICAL CENTER

(Street)

OMAHA, NE 68198-5520

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

TRANSGENOMIC INC [TBIO.OB]

3. Date of Earliest Transaction (Month/Day/Year)

02/15/2012

4. If Amendment, Date Original Filed(Month/Day/Year)

02/17/2012

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)	Price		
				Code	V	Amount	

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

**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.**

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	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transaction	5. Number of Derivative	6. Date Exercisable and Expiration Date	7. Title and Amount of Underlying Securities
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Security (Instr. 3)	or Exercise Price of Derivative Security	any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)			(Instr. 3 and 4)		
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Purchase Option	\$ 1.45	02/15/2012	A		25,000		02/15/2013	02/14/2022	Common Stock <sup>(1)</sup>	25,000

## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director   10% Owner   Officer   Other

Markin Rodney S  
 C/O UNIVERSITY OF NEBR MEDICAL CENTER  
 985520 NEBRASKA MEDICAL CENTER  
 OMAHA, NE 68198-5520

X

## Signatures

/s/ Craig J. Tuttle, POA for Rodney S.  
 Markin

02/21/2012

        Signature of Reporting Person

Date

## 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).
- (1) Common Stock, par value \$.01 per share of Transgenomic, Inc.

### Remarks:

This Form 4/A is being filed to amend the total holdings of the reporting person set forth in Column 9 to reflect only those der

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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