Markin Rodney S Form 4 May 29, 2009

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

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

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Markin Rodney S

2. Issuer Name and Ticker or Trading Symbol

TRANSGENOMIC INC [TBIO.OB]

5. Relationship of Reporting Person(s) to

OMB

Number:

Expires:

response...

Estimated average

burden hours per

OMB APPROVAL

3235-0287

January 31,

2005

0.5

Issuer

(Last) (First) 3. Date of Earliest Transaction

(Check all applicable)

C/O UNIVERSITY OF NEBR MEDICAL CENTER, 983135

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

NEBRASKA MEDICAL CENTER

(Middle)

(Street) 4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

(Month/Day/Year)

05/20/2009

X Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

OMAHA, NE 68198-3135

(Instr. 3)

(City) (State) (Zip) 1. Title of 2. Transaction Date 2A. Deemed Security

3. 4. Securities (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Month/Day/Year) (Instr. 8)

5. Amount of 6. Ownership 7. Nature of Securities Form: Direct Indirect Beneficially (D) or Indirect Beneficial Owned (I) Ownership (Instr. 4) Following (Instr. 4)

Reported Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

(A)

or

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

3. Transaction Date 3A. Deemed 1. Title of Derivative Conversion

5. Number 6. Date Exercisable and (Month/Day/Year) Execution Date, if Transaction of Derivative Expiration Date

7. Title and Amount of 8 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/Y	ear)	(Instr. 3 and	4)
				Code V	(A) (D) Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Purchase Option	\$ 0.45	05/20/2009		A	5,000	06/01/2012	05/20/2019	Common Stock (1)	5,000

Reporting Owners

Reporting Owner Name / Address	Relationships				
	Director	10% Owner	Officer	Other	
Markin Rodney S C/O UNIVERSITY OF NEBR MEDICAL CENTER 983135 NEBRASKA MEDICAL CENTER OMAHA, NE 68198-3135	X				

Signatures

Debra A. Schneider, POA for Rodney S.

Markin

05/20/2009

**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.

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.

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