

TRANSGENOMIC INC

Form 4

July 11, 2007

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.
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

OMB APPROVAL

OMB
Number: 3235-0287
Expires: January 31,
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(Print or Type Responses)

1. Name and Address of Reporting Person *
Kopp LeRoy C

(Last) (First) (Middle)

7701 FRANCE AVENUE
SOUTH, SUITE 500

(Street)

EDINA, MN 55435

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
Symbol

TRANSGENOMIC INC [TBIO]

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

06/20/2001

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

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

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

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

X 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	05/18/2006		P		40,000	A	\$ 0.54	765,000	I	By Kopp Holding Company ⁽¹⁾
Common Stock	05/19/2006		P		30,000	A	\$ 0.52	795,000	I	By Kopp Holding Company ⁽¹⁾
Common Stock	08/11/2006		P		50,000	A	\$ 0.43	845,000	I	By Kopp Holding Company ⁽¹⁾

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Common Stock	12/29/2006	P	70,000	A	\$ 0.45	915,000	I	By Kopp Holding Company <u>(1)</u>
Common Stock	01/05/2007	P	30,000	A	\$ 0.63	945,000	I	By Kopp Holding Company <u>(1)</u>
Common Stock	01/09/2007	P	30,000	A	\$ 0.64	975,000	I	By Kopp Holding Company <u>(1)</u>
Common Stock	01/10/2007	P	40,000	A	\$ 0.65	1,015,000	I	By Kopp Holding Company <u>(1)</u>
Common Stock	01/11/2007	P	30,000	A	\$ 0.7	1,045,000	I	By Kopp Holding Company <u>(1)</u>
Common Stock	02/02/2007	P	40,000	A	\$ 0.77	1,085,000	I	By Kopp Holding Company <u>(1)</u>
Common Stock	02/05/2007	P	40,000	A	\$ 0.72	1,125,000	I	By Kopp Holding Company <u>(1)</u>
Common Stock	02/08/2007	P	50,000	A	\$ 0.76	1,175,000	I	By Kopp Holding Company <u>(1)</u>
Common Stock	02/09/2007	P	50,000	A	\$ 0.79	1,225,000	I	By Kopp Holding Company <u>(1)</u>
Common Stock	02/12/2007	P	40,000	A	\$ 0.76	1,265,000	I	By Kopp Holding Company <u>(1)</u>
Common Stock	02/13/2007	P	40,000	A	\$ 0.78	1,305,000	I	By Kopp Holding Company <u>(1)</u>
	03/12/2007	P	30,000	A	\$ 0.68	1,335,000	I	

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Common Stock									By Kopp Holding Company (1)
Common Stock	03/13/2007	P	30,000	A	\$ 0.7	1,365,000	I		By Kopp Holding Company (1)
Common Stock	03/14/2007	P	30,000	A	\$ 0.71	1,395,000	I		By Kopp Holding Company (1)
Common Stock	03/15/2007	P	30,000	A	\$ 0.69	1,425,000	I		By Kopp Holding Company (1)
Common Stock	03/16/2007	P	30,000	A	\$ 0.69	1,455,000	I		By Kopp Holding Company (1)
Common Stock	03/19/2007	P	30,000	A	\$ 0.68	1,485,000	I		By Kopp Holding Company (1)
Common Stock	05/31/2007	P	25,000	A	\$ 0.71	1,510,000	I		By Kopp Holding Company (1)
Common Stock	08/29/2001	P	2,800	A	\$ 10.12	2,800	I		By Spouse (2)
Common Stock	01/02/2004	P	5,000	A	\$ 2.07	7,800	I		By Spouse (2)
Common Stock	09/02/2005	P	16,200	A	\$ 1.09	24,000	I		By Spouse (2)

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	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transaction	5. Number	6. Date Exercisable and Expiration Date	7. Title and Amount of	8. Price of Derivative	9. Nu Deriv
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Security (Instr. 3)	or Exercise Price of Derivative Security	any (Month/Day/Year)	Code (Instr. 8)	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)	Underlying Securities (Instr. 3 and 4)	Security (Instr. 5)	Secur Bene Own Follo Repo Trans (Instr
Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Kopp LeRoy C 7701 FRANCE AVENUE SOUTH SUITE 500 EDINA, MN 55435		X		

Signatures

LeRoy C. Kopp	07/10/2007
**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) These shares are held indirectly by Mr. Kopp by virtue of his position as the control person and 100% owner of Kopp Holding Company, a Minnesota corporation.
- (2) The filing of this report shall not be deemed an admission that Mr. Kopp is the beneficial owner of these shares for purposes of Section 16 of the Exchange Act of 1934.

Remarks:

Form 5 of 5

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.