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

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

2005 Estimated average burden hours per response... 0.5

OMB APPROVAL

3235-0287

January 31,

Form 5 obligations may continue. See Instruction 1(b).

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 * Kopp LeRoy C

Symbol

5. Relationship of Reporting Person(s) to Issuer

(Last) (First)

(Middle)

TRANSGENOMIC INC [TBIO]

2. Issuer Name and Ticker or Trading

3. Date of Earliest Transaction

(Month/Day/Year) 06/20/2001

(Check all applicable)

OMB

Number:

Expires:

7701 FRANCE AVENUE SOUTH, SUITE 500

> (Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

Director _X__ 10% Owner Officer (give title __ 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

EDINA, MN 55435

(City)	(State) (Zip) Table	e I - Non-D	erivative S	Securi	ties Acq	uired, Disposed o	of, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	ansaction(A) or Disposed of (D) ode (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	05/05/2006		P	30,000	A	\$ 0.56	1,231,000	D	
Common Stock	05/11/2006		P	40,000	A	\$ 0.56	1,271,000	D	
Common Stock	05/12/2006		P	30,000	A	\$ 0.57	1,301,000	D	
Common Stock	07/10/2006		P	30,000	A	\$ 0.52	1,331,000	D	
Common Stock	07/11/2006		P	30,000	A	\$ 0.52	1,361,000	D	

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Common Stock	07/14/2006	P	50,000	A	\$ 0.47	1,411,000	D
Common Stock	07/17/2006	P	50,000	A	\$ 0.44	1,461,000	D
Common Stock	07/24/2006	P	100	A	\$ 0.37	1,461,100	D
Common Stock	07/24/2006	P	200	A	\$ 0.37	1,461,300	D
Common Stock	07/24/2006	P	4,700	A	\$ 0.39	1,466,000	D
Common Stock	07/24/2006	P	45,000	A	\$ 0.41	1,511,000	D
Common Stock	07/25/2006	P	50,000	A	\$ 0.43	1,561,000	D
Common Stock	07/28/2006	P	50,000	A	\$ 0.47	1,611,000	D
Common Stock	07/31/2006	P	40,000	A	\$ 0.44	1,651,000	D
Common Stock	08/17/2006	P	50,000	A	\$ 0.66	1,701,000	D
Common Stock	08/18/2006	P	50,000	A	\$ 0.68	1,751,000	D
Common Stock	08/21/2006	P	37,000	A	\$ 0.72	1,788,000	D
Common Stock	08/22/2006	P	37,000	A	\$ 0.74	1,825,000	D
Common Stock	01/26/2007	P	40,000	A	\$ 0.71	1,865,000	D
Common Stock	01/29/2007	P	40,000	A	\$ 0.72	1,905,000	D
Common Stock	01/30/2007	P	30,000	A	\$ 0.69	1,935,000	D
Common Stock	01/31/2007	P	30,000	A	\$ 0.7	1,965,000	D
Common Stock	02/01/2007	P	40,000	A	\$ 0.69	2,005,000	D
Common Stock	02/26/2007	P	40,000	A	\$ 0.59	2,045,000	D
Common Stock	03/01/2007	P	30,000	A	\$ 0.65	2,075,000	D
	04/02/2007	P	50,000	A		2,125,000	D

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Common Stock					\$ 0.75		
Common Stock	04/09/2007	P	40,000	A	\$ 0.78	2,165,000	D
Common Stock	04/16/2007	P	40,000	A	\$ 0.8	2,205,000	D
Common Stock	04/17/2007	P	30,000	A	\$ 0.82	2,235,000	D
Common Stock	05/14/2007	P	10,000	A	\$ 0.73	2,245,000	D

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 Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D)		ate	7. Title : Amount Underly Securitic (Instr. 3	of ing es	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
					(Instr. 3, 4, and 5)						
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	lumber		

Reporting Owners

Reporting Owner Name / Address	Relationships							
2 0	Director	10% Owner	Officer	Other				
Kopp LeRoy C 7701 FRANCE AVENUE SOUTH SUITE 500 EDINA, MN 55435		X						

Reporting Owners 3

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).

Remarks:

Form 3 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.

Signatures 4