

TRANSGENOMIC INC  
Form 4  
July 11, 2007

**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 \*  
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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
|                                 |                                      |  |                                | (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<br><u>(1)</u> |
| Common Stock | 01/05/2007 | P | 30,000 | A | \$ 0.63 | 945,000   | I | By Kopp Holding Company<br><u>(1)</u> |
| Common Stock | 01/09/2007 | P | 30,000 | A | \$ 0.64 | 975,000   | I | By Kopp Holding Company<br><u>(1)</u> |
| Common Stock | 01/10/2007 | P | 40,000 | A | \$ 0.65 | 1,015,000 | I | By Kopp Holding Company<br><u>(1)</u> |
| Common Stock | 01/11/2007 | P | 30,000 | A | \$ 0.7  | 1,045,000 | I | By Kopp Holding Company<br><u>(1)</u> |
| Common Stock | 02/02/2007 | P | 40,000 | A | \$ 0.77 | 1,085,000 | I | By Kopp Holding Company<br><u>(1)</u> |
| Common Stock | 02/05/2007 | P | 40,000 | A | \$ 0.72 | 1,125,000 | I | By Kopp Holding Company<br><u>(1)</u> |
| Common Stock | 02/08/2007 | P | 50,000 | A | \$ 0.76 | 1,175,000 | I | By Kopp Holding Company<br><u>(1)</u> |
| Common Stock | 02/09/2007 | P | 50,000 | A | \$ 0.79 | 1,225,000 | I | By Kopp Holding Company<br><u>(1)</u> |
| Common Stock | 02/12/2007 | P | 40,000 | A | \$ 0.76 | 1,265,000 | I | By Kopp Holding Company<br><u>(1)</u> |
| Common Stock | 02/13/2007 | P | 40,000 | A | \$ 0.78 | 1,305,000 | I | By Kopp Holding Company<br><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<br><u>(1)</u> |
| Common Stock | 03/13/2007 | P | 30,000 | A | \$ 0.7   | 1,365,000 | I |  | By Kopp Holding Company<br><u>(1)</u> |
| Common Stock | 03/14/2007 | P | 30,000 | A | \$ 0.71  | 1,395,000 | I |  | By Kopp Holding Company<br><u>(1)</u> |
| Common Stock | 03/15/2007 | P | 30,000 | A | \$ 0.69  | 1,425,000 | I |  | By Kopp Holding Company<br><u>(1)</u> |
| Common Stock | 03/16/2007 | P | 30,000 | A | \$ 0.69  | 1,455,000 | I |  | By Kopp Holding Company<br><u>(1)</u> |
| Common Stock | 03/19/2007 | P | 30,000 | A | \$ 0.68  | 1,485,000 | I |  | By Kopp Holding Company<br><u>(1)</u> |
| Common Stock | 05/31/2007 | P | 25,000 | A | \$ 0.71  | 1,510,000 | I |  | By Kopp Holding Company<br><u>(1)</u> |
| Common Stock | 08/29/2001 | P | 2,800  | A | \$ 10.12 | 2,800     | I |  | By Spouse<br><u>(2)</u>               |
| Common Stock | 01/02/2004 | P | 5,000  | A | \$ 2.07  | 7,800     | I |  | By Spouse<br><u>(2)</u>               |
| Common Stock | 09/02/2005 | P | 16,200 | A | \$ 1.09  | 24,000    | I |  | By Spouse<br><u>(2)</u>               |

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

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(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 |
|---------------------|--|----------------------|-----------------|---|------------------|--|---------------------|-------|
|                     |  |                      |                 |   |                  |  |                     |       |

  

| 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<br>7701 FRANCE AVENUE SOUTH<br>SUITE 500<br>EDINA, MN 55435 |               | X         |         |       |

### Signatures

LeRoy C. Kopp                      07/10/2007  
 \*\*Signature of                      Date  
 Reporting Person

### 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

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