

TRANSGENOMIC INC  
Form 3  
July 11, 2007

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0104  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

**INITIAL STATEMENT OF 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 * |         | 2. Date of Event Requiring Statement  | 3. Issuer Name <b>and</b> Ticker or Trading Symbol  |  |
| Kopp LeRoy C                              |         | (Month/Day/Year)  | TRANSGENOMIC INC [TBIO]   |  |
| (Last)                                    | (First) | (Middle)  | 07/06/2007  |  |
| 7701 FRANCE AVENUE                        |         | 4. Relationship of Reporting Person(s) to Issuer  |   |  |
| SOUTH, SUITE 500                          |         | 5. If Amendment, Date Original Filed(Month/Day/Year)  |   |  |
| (Street)                                  |         | (Check all applicable)  |   |  |
| EDINA, MN 55435                           |         | <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner<br><input type="checkbox"/> Officer <input type="checkbox"/> Other<br>(give title below)    (specify below) |   |  |
| (City)                                    | (State) | (Zip)   | 6. Individual or Joint/Group Filing(Check Applicable Line)  |  |
|   |         |   | <input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person |  |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security<br>(Instr. 4) | 2. Amount of Securities Beneficially Owned<br>(Instr. 4) | 3. Ownership Form:<br>Direct (D)<br>or Indirect (I)<br>(Instr. 5) | 4. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|------------------------------------|--|---|--|
| Common Stock                       | 2,275,000  | D   |  |
| Common Stock                       | 1,510,000  | I   | By Kopp Holding Company <sup>(1)</sup>                   |
| Common Stock                       | 24,000   | I   | By Spouse <sup>(2)</sup>                                 |

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

SEC 1473 (7-02)

**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.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security<br>(Instr. 4) | 2. Date Exercisable and Expiration Date<br>(Month/Day/Year) | 3. Title and Amount of Securities Underlying | 4. Conversion | 5. Ownership | 6. Nature of Indirect Beneficial Ownership |
|---|---|--|---------------|--------------|--|
|---|---|--|---------------|--------------|--|

Edgar Filing: TRANSGENOMIC INC - Form 3

| Date Exercisable | Expiration Date | Title | Derivative Security (Instr. 4)<br>Amount or Number of Shares | or Exercise Price of Derivative Security | Form of Derivative Security: Direct (D) or Indirect (I)<br>(Instr. 5) | (Instr. 5) |
|------------------|-----------------|-------|--|--|---|------------|
|------------------|-----------------|-------|--|--|---|------------|

## 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 | Â             | Â X       | Â       | Â     |

## 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 5(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.

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.