TRANSGENOMIC INC Form SC 13G February 07, 2002

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No.)*

TRANSGENOMIC, INC. (Name of Issuer)

Common Stock, \$.01 Par Value (Title of Class of Securities)

89365K206 (CUSIP Number)

Check the following box if a fee is being paid with this statement []. (A fee is not required only if the filing person: (1) has a previous statement on the file reporting beneficial ownership of more than five percent of the class of securities described in Item 1; and (2) has no amendment subsequent thereto reporting beneficial ownership of five percent or less of such class.) (See Rule 13d-7.)

*The remainder of this cover page shall be filled our for a reporting person's initial filing of this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

(Continued on following page(s))

CUSIP NO. 89365K206 13G

- NAME OF REPORTING PERSON
 S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON
 GlaxoSmithKline plc
- 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a) [] (b) []

- 3 SEC USE ONLY
- 4 CITIZENSHIP OR PLACE OF ORGANIZATION England and Wales

5 SOLE VOTING POWER 1,247,687

NUMBER OF SHARES

BENEFICIALLY OWNED BY			6	SHARED VOTING POWER						
EACH REPORTING PERSON			7	SOLE DISPOSITIVE POWER 1,247,687						
WITH		8	SHARED DISPOSITIVE POWER							
9	AGGRE		BENEFICIALLY	OWNED BY EACH REPORTING PERSON						
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES									
11	11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9									
	5.4%									
12	2 TYPE OF REPORTING PERSON* CO									
*SEE INSTRUCTION BEFORE FILLING OUT!										
CUSIP NO. 89365K206 13G										
Item	1.	(a).	Name of Issuer:							
			Transgenomi	c, Inc.						
		(b).	Address of	Issuer's Principal Executive Offices:						
			12325 Emmet Omaha, NE							
Item	2.	(a).	Names of Pe	rson Filing:						
			GlaxoSmithK	line plc						
		(b).	Address of	Principal Business Office:						
			980 Great W Brentford Middlesex TW8 9GS EN							
		(c).	Citizenship	:						
			England and	Wales						
		(d).	Title of Class of Securities:							
			Common stoc	k.						
		(e).	CUSIP Numbe	r:						
			89365K206							

Item 3. Not Applicable.

Item 4. Ownership.

The information in items 1 and 5 through 11 on the cover pages (page 2) on Schedule 13G is hereby incorporated by reference.

Item 5. Ownership of Five Percent or Less of a Class:

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [].

Item 6. Ownership of More Than Five Percent on Behalf of Another Person:

The following companies are indirect, wholly-owned subsidiaries of Reporting Person and owners of record for 1,247,687 shares, collectively:

Owner of Record No. of Shares

S.R.One,		Limited	(US)			1,108,133
S.R.	One	Limited	(UK)			118,210
S.R.	One	Internat	ional	B.V.	(NETH)	21,344

Of these shares, 165,621; 17,731; and 3,202 shares are held respectively by S.R. One, Limited (US); S.R.One Limited (UK) and S.R. One International B.V. (NETH) in an escrow account established in conjunction with the acquisition of Annovis, Inc. by the Issuer. Except to the extent that post-closing claims of the Issuer are satisfied by delivery of shares from the escrow account, the shares will be held in escrow until May 29, 2002.

Item 7. Identification and Classification of Subsidiaries Which Acquired the Security Being Reported on by the Parent Holding Company:

Not applicable.

Item 8. Identification and Classification of Members of the Group:

Not applicable.

Item 9. Notice of Dissolution of Group:

Not Applicable

Item 10. Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any

transaction having such purpose or effect.

Signature:

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

GLAXOSMITHKLINE PLC

By: /s/

S.M. Bicknell Company Secretary

Dated: February 6, 2002