TRANSGENOMIC INC Form SC 13D/A October 26, 2006

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

SCHEDULE 13D
Under the Securities Exchange Act of 1934
(Amendment No. 1)*

Transgenomic, Inc.

(Name of Issuer)

Common Stock, par value \$0.01 per share

(Title of Class of Securities)

89365K206

(CUSIP Number)

Mr. Joseph I. Worsham, II General Counsel WS Capital Management, L.P. 300 Crescent Court, Ste. 1111 Dallas, Texas 75201 (214) 756-6073 with a copy to:
John D. Hogoboom, Esq.
Lowenstein Sandler PC
65 Livingston Avenue
Roseland, New Jersey 07068
(973) 597-2500

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

October 23, 2006

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Sections 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. []

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Section 240.13d-7 for other parties to whom copies are to be sent.

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

The information required on 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).

Cus	ip No. 89365K206			
	(entities only):	rsons. I.R.S. Identification Nos. of ak	pove persons	
2.	Check the Appropriate (a) [] (b) [X]	Box if a Member of a Group (See Instruc	ctions):	
3.	SEC Use Only			
4.	Source of Funds (See I	nstructions): AF		
5.	or 2(e):	Legal Proceedings Is Required Pursuant Applicable	t to Items 2(d)	
6.	Citizenship or Place of Organization: Texas			
	Number of	7. Sole Voting Power:	5,214,106*	
	Shares Beneficially	8. Shared Voting Power:	0	
	Owned by Each Reporting	9. Sole Dispositive Power:	5,214,106*	
	Person With	10. Shared Dispositive Power:	0	
11.	Aggregate Amount Benef	icially Owned by Each Reporting Person:	: 5,214,106*	
12.	Check if the Aggregate (See Instructions):	Amount in Row (11) Excludes Certain Sh Not Applicable	nares	
13.	Percent of Class Represented by Amount in Row (11): 10.6%*			
14.	Type of Reporting Person (See Instructions): HC/CO			
	September 26, 2006, as	9,672 shares of common stock issued and reported by the issuer in its Prospecte Commission on September 28, 2006.	_	
Cus	ip No. 89365K206			
1.	(entities only):	sons. I.R.S. Identification Nos. of ak	oove persons	

2.	Check the Appropriate Box (a) [] (b) [X]	if a Member of a Group (See Instruct	cions):		
3.	SEC Use Only				
4.	Source of Funds (See Instr	ructions): AF			
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e): Not Applicable				
6.	Citizenship or Place of Or	rganization: Texas			
	Number of	7. Sole Voting Power:			
	Shares Beneficially	8. Shared Voting Power:	0		
	Owned by Each Reporting	9. Sole Dispositive Power:	5,214,106*		
	Person With	10. Shared Dispositive Power:	0		
11.	Aggregate Amount Beneficia	ally Owned by Each Reporting Person:	5,214,106*		
12.	. Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions): Not Applicable				
13.	Percent of Class Represent	ted by Amount in Row (11): 10.6%*			
14.	Type of Reporting Person	(See Instructions): IA/PN			
Sep	tember 26, 2006, as reporte	s of common stock issued and outsed by the issuer in its Prospectus ssion on September 28, 2006.	_		
Cus	ip No. 89365K206				
	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only): Steven R. Becker				
2.	Check the Appropriate Box (a) [] (b) [X]	if a Member of a Group (See Instruct	cions):		
3.	SEC Use Only				
4.	Source of Funds (See Instr	ructions): AF			

5.	Check if Disclosure of Legal or 2(e): Not Applica				
6.	Citizenship or Place of Organization: United States				
	Number of	7. Sole Voting Power:	5,214,106*		
	Shares Beneficially	8. Shared Voting Power:	0		
	Owned by Each Reporting	9. Sole Dispositive Power:			
	Person With	10. Shared Dispositive Power:	0		
11.	Aggregate Amount Beneficially	Owned by Each Reporting Person:	5,214,106*		
12.	. Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions): Not Applicable				
13.	Percent of Class Represented	by Amount in Row (11): 10.6%*			
14.	Type of Reporting Person (See	: Instructions): HC/IN			
Sep		common stock issued and outstary the issuer in its Prospectus for on September 28, 2006.			
Ite	m 5. Interest in Securities	of the Issuer			
and	eficially owned by BCA and SR	is the beneficial owner of 5,214 B Management for the accounts of stangement are the beneficial owners SRBQP and SRB Offshore.	SRBGC, SRBQP		
the		ing Persons has sole power to vot which it is deemed to be the bene:			
Sha	the Schedule 13D was the purch	on in Shares that was effected sinc case of 1,320,000 shares at a price purchase was effected in an ordina:	of \$0.41 per		
	(d) Not applicable.				

(e) Not applicable.

Item 7. Material to be Filed as Exhibits.

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1. Joint Filing Agreement, dated October 23, 2006, entered into by and among BC Advisors, LLC, SRB Management, L.P. and Steven R. Becker.

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.

October 23, 2006

BC ADVISORS, LLC

By: /s/ Steven R. Becker

Steven R. Becker, Member

SRB MANAGEMENT, L.P.

By: BC Advisors, LLC, its general partner

By: /s/ Steven R. Becker

Steven R. Becker, Member

/s/ Steven R. Becker

Steven R. Becker

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001)

EXHIBIT 1

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k), as promulgated under the Securities Exchange Act of 1934, as amended, the persons named below agree to the joint filing on behalf of each of them a Statement on Schedule 13D (including amendments thereto) with regard to the common stock of Transgenomic, Inc. and further agree that this Joint Filing Agreement be included as an Exhibit to such joint filings. In evidence thereof, the undersigned, being duly authorized, hereby execute this Joint Filing Agreement as of October 23, 2006..

BC ADVISORS, LLC

By: /s/ Steven R. Becker

Steven R. Becker, Member
SRB MANAGEMENT, L.P.
By: BC Advisors, LLC, its general partner
By: /s/ Steven R. Becker
Steven R. Becker, Member
/s/ Steven R. Becker
Stoven P. Rocker