TRANSGENOMIC INC Form SC 13G/A March 04, 2010

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

SCHEDULE 13G/A

Under the Securities Exchange Act of 1934 (AMENDMENT NO. 3)*

TRANSGENOMIC Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

89365K206

(CUSIP Number)

03/03/10

(Date of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this schedule is filed:

/ / Rule 13d-i(b) /X / Rule 13d-i(c) / / Rule 13d-i(d)

*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 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.

CUSIP NO. 89365K206	CUSIP	NO.	89365K206
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13G/A

1 NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

AMH	Equity LLC					
2	CHECK THE APPROPI	RIATE BOZ	X IF A MEMBER OF A GROUP*			
	(a) / /	(b)) / /			
3	SEC USE ONLY					
4	CITIZENSHIP OR PLACE OF ORGANIZATION New York, USA					
	NUMBER OF		SOLE VOTING POWER			
	SHARES		256,000			
	BENEFICIALLY .					
	OWNED BY	6	SHARED VOTING POWER			
	EACH					
	REPORTING	7	SOLE DISPOSITIVE POWER			
	PERSON		256,000			
	WITH					
		8	SHARED DISPOSITIVE POWER			
9		BENEFICIALLY OWNED BY EACH REPORTING PERSON of common stock.				
	CHECK BOX IF THE ES* / /	AGGREGA	IE AMOUNT IN ROW (9) EXCLUDES CERTAIN			
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 9.9%					
 12	TYPE OF REPORTING PERSON* PN					

CUSI	P NO. 893	365K206	13G/A			
			SON NO. OF ABOVE PERSONS (ENTITIES ONLY)			
2			BOX IF A MEMBER OF A GROUP*			
3	SEC USE ON	NLY				
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware, USA					
	NUMBER	OF 5	SOLE VOTING POWER			
	SHAI BENEFICIAI	-	4,594,000 Shares of Common Stock			
		BY 6 ACH	SHARED VOTING POWER			
	REPORT	ING 7	SOLE DISPOSITIVE POWER			
	PERS	SON	4,594,000 Shares of Common Stock			
	W :	ITH 8	SHARED DISPOSITIVE POWER			
9		AMOUNT BENE	FICIALLY OWNED BY EACH REPORTING PERSON			
	CHECK BOX ES* / /	IF THE AGGR	EGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN			

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

9.9%

12 TYPE OF REPORTING PERSON* PN

ITEM 1: (a) NAME OF ISSUER:

TRANSGENOMIC Inc.

(b) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES: 12325 Emmett Street. Omaha, Nebraska 68164

ITEM 2: (a) NAME OF PERSON FILING:

This Schedule 13G/A is jointly filed by Leviticus Partners, L.P., a Delaware limited partnership ("Leviticus") and AMH Equity, LLC ("AMH"), a New York limited liability company (each a "Reporting Person" and, collectively, the "Reporting Persons"). AMH is the general partner of Leviticus.

(b) ADDRESS OF PRINCIPAL BUSINESS OFFICE :

C/O Leviticus Partners LP 60 East 42nd Street Suite 901 New York, NY 10165

(c) CITIZENSHIP:

See above

(d) TITLE OF CLASS OF SECURITIES:

SEE COVER PAGE

- (e) CUSIP NUMBER: SEE COVER PAGE
- ITEM 3: See Item 12 above
- ITEM 4: (a) AMOUNT BENEFICIALLY OWNED:

See Item 9 above

(b) PERCENT OF CLASS:

See Item 11 above

(c) NUMBER OF SHARES AS TO WHICH SUCH PERSON HAS VOTING AND DISPOSITIVE POWERS:

See Items 5 and 7 above

ITEM 5: OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS: / /

ITEM 6: OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON:

N/A

The principal address of Leviticus is: 60 East 42nd Street Suite 901 New York, NY 10165

ITEM 7:

Inapplicable

ITEM 8:

Inapplicable

ITEM 9: NOTICE OF DISSOLUTION OF GROUP:

Inapplicable

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 held in theordinary course of business and were not acquired and are not held for the purpose of and do not have the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having such purpose or effect.

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.

Date: March 4, 2010

Leviticus Partners, L.P. By: AMH Equity, LLC, its general partner By: /s/ Adam Hutt Name: Adam Hutt Title: Managing Member

AMH Equity, LLC By: /s/ Adam Hutt Name: Adam Hutt

Title: Managing Member