FROST PHILLIP MD ET AL

Form 4

August 11, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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OMB APPROVAL

response...

Check this box if no longer subject to Section 16. Form 4 or

Form 5 obligations may continue. See Instruction

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(b).

1. Name and Address of Reporting Person
FROST PHILLIP MD ET AL

2. Issuer Name and Ticker or Trading Symbol

Protalix BioTherapeutics, Inc. [PLX]

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

(Last)

(First)

(Street)

(Middle)

3. Date of Earliest Transaction

(Month/Day/Year)

08/07/2009

Director _X__ 10% Owner

_ Other (specify Officer (give title below)

4400 BISCAYNE BLVD

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

Form filed by One Reporting Person _X_ Form filed by More than One Reporting

Person

MIAMI, FL 33137-3227

(City)	(State)	(Zip) Tab	le I - Non-I	Derivative	Secu	rities Ao	equired, Disposed	l of, or Benefic	cially Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	(A) or		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)	
Common Stock	08/10/2009		Code V	Amount 3,157	(D)	Price \$ 6.3	9,381,949	I	Frost Gamma Investments Trust (1)
Common Stock	08/10/2009		S	2,500	D	\$ 6.35	9,379,449	I	Frost Gamma Investments Trust (1)
Common Stock	08/10/2009		S	5,700	D	\$ 6.4	9,373,749	I	Frost Gamma Investments Trust (1)
Common Stock	08/10/2009		S	6,200	D	\$ 6.43	9,367,549	I	Frost Gamma Investments Trust (1)

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Common Stock	08/11/2009	S	5,747	D	\$ 5.9	9,361,802	I	Frost Gamma Investments Trust (1)
Common Stock	08/11/2009	S	1,100	D	\$ 5.91	9,360,702	I	Frost Gamma Investments Trust (1)
Common Stock	08/11/2009	S	2,267	D	\$ 5.92	9,358,435	I	Frost Gamma Investments Trust (1)
Common Stock	08/11/2009	S	1,700	D	\$ 5.93	9,356,735	I	Frost Gamma Investments Trust (1)
Common Stock	08/11/2009	S	4,817	D	\$ 6	9,351,918	I	Frost Gamma Investments Trust (1)
Common Stock	08/11/2009	S	602	D	\$ 6.01	9,351,316	I	Frost Gamma Investments Trust (1)
Common Stock	08/11/2009	S	757	D	\$ 6.02	9,350,559	I	Frost Gamma Investments Trust (1)
Common Stock	08/11/2009	S	1,978	D	\$ 6.08	9,348,581	I	Frost Gamma Investments Trust (1)
Common Stock	08/11/2009	S	258	D	\$ 6.09	9,348,323	I	Frost Gamma Investments Trust (1)
Common Stock	08/11/2009	S	750	D	\$ 6.1	9,347,573	I	Frost Gamma Investments Trust (1)
Common Stock	08/11/2009	S	2,204	D	\$ 6.11	9,345,369	I	Frost Gamma Investments Trust (1)
Common Stock	08/11/2009	S	2,342	D	\$ 6.12	9,343,027	I	Frost Gamma Investments Trust (1)
Common Stock	08/11/2009	S	1,200	D	\$ 6.14	9,341,827	I	Frost Gamma Investments Trust (1)
Common Stock	08/11/2009	S	523	D	\$ 6.15	9,341,304	I	Frost Gamma Investments Trust (1)
Common Stock	08/11/2009	S	400	D	\$ 6.22	9,340,904	I	Frost Gamma Investments

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Common Stock	08/11/2009 port on a separate line for each class of secur	S rities ben	eficially o	wned d	lirectly o	<u> </u>		Frost Gamma Investments Trust (1)
Persons who respond to the co information contained in this for required to respond unless the displays a currently valid OMB						rm are not form	SEC 1474 (9-02)	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

number.

9. Nu Deriv Secu Bene Own Follo Repo Trans (Insti

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transac Code (Instr. 8	5. stionNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Tit. Amou Under Secur (Instr	int of rlying	8. Price of Derivative Security (Instr. 5)	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Trustee

**Signature of Reporting Person

Reporting Owner Name / Addr	Relationships						
		Director	10% Owner	Officer	Other		
FROST PHILLIP MD ET AL 4400 BISCAYNE BLVD MIAMI, FL 33137-3227			X				
Frost Gamma Investments Trust 4400 BISCAYNE BOULEVARD, 15' MIAMI, FL 33137		X					
Signatures							
/s/ Phillip Frost, M.D.	08/11/2009						
**Signature of Reporting Person	Date						
/s/ Phillip Frost, M.D., as							

08/11/2009

Date

Reporting Owners 3

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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).
- These securities are held by Frost Gamma Investments Trust, of which the Reporting Person is the trustee. Frost Gamma Limited
 Partnership is the sole and exclusive beneficiary of Frost Gamma Investments Trust. The Reporting Person is one of two limited partners of Frost Gamma Limited Partnership. The general partner of Frost Gamma Limited Partnership is Frost Gamma, Inc., and the sole shareholder of Frost Gamma, Inc. is Frost-Nevada Corporation, of which the Reporting Person is the sole shareholder.

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.