#### FROST PHILLIP MD ET AL

Form 4

August 19, 2009

## FORM 4

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

OMB Number: 3235-0287

burden hours per

response...

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Expires: January 31, 2005
Estimated average

0.5

**OMB APPROVAL** 

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

2. Issuer Name and Ticker or Trading

Symbol

**SECURITIES** 

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5. Relationship of Reporting Person(s) to

Issuer

3*ee* Instru 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person \*

FROST PHILLIP MD ET AL

			Protalix BioTherapeutics, Inc. [PLX]			(Check all applicable)					
(Last) 4400 BISC	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 08/18/2009					Director X 10% Owner Officer (give title below) Other (specification)			
MIAMI, FI	(Street)		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			
(City)	(State)	(Zip)	Tab	le I - Non-	Derivative	Secui	rities Ac	quired, Disposed	l of, or Benefi	cially Owned	
1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)		Date, if	ate, if Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5)				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	08/18/2009			S	13,696	D	\$ 6	8,795,206	I	Frost Gamma Investments Trust (1)	
Common Stock	08/18/2009			S	11,249	D	\$ 6.01	8,783,957	I	Frost Gamma Investments Trust (1)	
Common Stock	08/18/2009			S	3,046	D	\$ 6.02	8,780,911	I	Frost Gamma Investments Trust (1)	

Common Stock	08/18/2009	S	3,227	D	\$ 6.03	8,777,684	I	Frost Gamma Investments Trust (1)
Common Stock	08/18/2009	S	7,730	D	\$ 6.04	8,769,954	I	Frost Gamma Investments Trust (1)
Common Stock	08/18/2009	S	728	D	\$ 6.05	8,769,226	I	Frost Gamma Investments Trust (1)
Common Stock	08/18/2009	S	4,638	D	\$ 6.07	8,764,588	I	Frost Gamma Investments Trust (1)
Common Stock	08/18/2009	S	1,530	D	\$ 6.08	8,763,058	I	Frost Gamma Investments Trust (1)
Common Stock	08/18/2009	S	455	D	\$ 6.09	8,762,603	I	Frost Gamma Investments Trust (1)
Common Stock	08/18/2009	S	9,187	D	\$ 6.1	8,753,416	I	Frost Gamma Investments Trust (1)
Common Stock	08/18/2009	S	4,349	D	\$ 6.11	8,749,067	I	Frost Gamma Investments Trust (1)
Common Stock	08/18/2009	S	2,093	D	\$ 6.12	8,746,974	I	Frost Gamma Investments Trust (1)
Common Stock	08/18/2009	S	1,477	D	\$ 6.13	8,745,497	I	Frost Gamma Investments Trust (1)
Common Stock	08/18/2009	S	1,001	D	\$ 6.14	8,744,496	I	Frost Gamma Investments Trust (1)
	08/18/2009	S	1,571	D		8,742,925	I	

Common Stock					\$ 6.18			Frost Gamma Investments Trust (1)
Common Stock	08/18/2009	S	2,275	D	\$ 6.23	8,740,650	I	Frost Gamma Investments Trust (1)
Common Stock	08/18/2009	S	4,551	D	\$ 6.25	8,736,099	I	Frost Gamma Investments Trust (1)
Common Stock	08/18/2009	S	1,274	D	\$ 6.3	8,734,825	I	Frost Gamma Investments Trust (1)
Common Stock	08/18/2009	S	182	D	\$ 6.35	8,734,643	I	Frost Gamma Investments Trust (1)
Common Stock	08/18/2009	S	2,730	D	\$ 6.4	8,731,913	I	Frost Gamma Investments Trust (1)
Common Stock	08/19/2009	S	46,409	D	\$ 6.1	8,685,504	I	Frost Gamma Investments Trust (1)
Common Stock	08/19/2009	S	3,047	D	\$ 6.11	8,682,457	I	Frost Gamma Investments Trust (1)
Common Stock	08/19/2009	S	10,688	D	\$ 6.12	8,671,769	I	Frost Gamma Investments Trust (1)
Common Stock	08/19/2009	S	23,344	D	\$ 6.13	8,648,425	I	Frost Gamma Investments Trust (1)
Common Stock	08/19/2009	S	12,828	D	\$ 6.14	8,635,597	I	Frost Gamma Investments Trust (1)
	08/19/2009	S	3,684	D		8,631,913	I	

Common	\$	Frost
Stock	6.15	Gamma
		Investments
		Trust (1)

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

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SEC 1474

(9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Titl Amou Under Secur (Instr.	ınt of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

# **Reporting Owners**

Reporting Owner Name / Add	Relationships						
1		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, 1: MIAMI, FL 33137		X					
Signatures							
/s/ Phillip Frost, M.D.	08/19/2009						
**Signature of Reporting Person	Date						
/s/ Phillip Frost, M.D., as Trustee	08/19/2009						
**Signature of Reporting Person	Date						

Reporting Owners 4

## **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.