FROST PHILLIP MD ET AL

Form 4

August 19, 2009

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

2. Issuer Name and Ticker or Trading

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Issuer

January 31, Expires: 2005 Estimated average

OMB APPROVAL

3235-0287

burden hours per response... 0.5

OMB

5. Relationship of Reporting Person(s) to

Number:

if no longer subject to Section 16. Form 4 or Form 5

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

Symbol

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

FROST PHILLIP MD ET AL

			Protalix BioTherapeutics, Inc. [PLX]					(Cl	neck all applica	able)	
(Last) (First) (Middle) 4400 BISCAYNE BLVD			3. Date of Earliest Transaction (Month/Day/Year) 08/17/2009					DirectorX 10% Owner Officer (give title Other (specify below)			
				endment, D onth/Day/Yea	_	ıl		6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person _X_ Form filed by More than One Reporting			
(City)	(State)	(Zip)						Person	Person		
. •	, ,							quired, Disposed	l of, or Benefi	·	
1.Title of Security (Instr. 3)	2. Transaction Da (Month/Day/Year		n Date, if	3. Transactic Code (Instr. 8)	4. Securit or(A) or Di (Instr. 3,	sposed	of (D)	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	08/17/2009			S	17,167	D	\$ 6.2	9,023,687	I	Frost Gamma Investments Trust (1)	
Common Stock	08/17/2009			S	4,492	D	\$ 6.21	9,019,195	I	Frost Gamma Investments Trust (1)	
Common Stock	08/17/2009			S	6,159	D	\$ 6.22	9,013,036	I	Frost Gamma Investments Trust (1)	

Common Stock	08/17/2009	S	7,716	D	\$ 6.24	9,005,320	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	5,835	D	\$ 6.25	8,999,485	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	432	D	\$ 6.26	8,999,053	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	1,000	D	\$ 6.28	8,998,053	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	3,708	D	\$ 6.3	8,994,345	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	12,085	D	\$ 6.32	8,982,260	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	18,394	D	\$ 6.33	8,963,866	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	150	D	\$ 6.34	8,963,716	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	22,157	D	\$ 6.35	8,941,559	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	4,651	D	\$ 6.36	8,936,908	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	7,294	D	\$ 6.38	8,929,614	I	Frost Gamma Investments Trust (1)
	08/17/2009	S	6,757	D		8,922,857	I	

Common Stock					\$ 6.39			Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	16,305	D	\$ 6.4	8,906,552	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	3,784	D	\$ 6.42	8,902,768	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	691	D	\$ 6.43	8,902,077	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	4,999	D	\$ 6.44	8,897,078	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	15,675	D	\$ 6.45	8,881,403	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	5,000	D	\$ 6.46	8,876,403	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	30,830	D	\$ 6.5	8,845,573	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	7,881	D	\$ 6.52	8,837,692	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	4,200	D	\$ 6.54	8,833,492	I	Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	15,790	D	\$ 6.55	8,817,702	I	Frost Gamma Investments Trust (1)
	08/17/2009	S	5,000	D	\$ 6.6	8,812,702	I	

Common Stock								Frost Gamma Investments Trust (1)
Common Stock	08/17/2009	S	3,800	D	\$ 6.66	8,808,902	I	Frost Gamma Investments Trust (1)

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474

(9-02)

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

Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	Execution Date, if		5. onNumber	6. Date Exer Expiration D	ate	7. Title	nt of	8. Price of Derivative	9. Nu Deriv
Security	or Exercise		any	Code	of	(Month/Day	(Year)	Under	, ,	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)	Bene
	Derivative				Securities	S		(Instr.	3 and 4)		Owne
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
					i, und 5)						
									Amount		
						Data	Evaluation		or		
						Date	Expiration	Title	Number		
						Exercisable	Date		of		
				Code V	(A) (D)				Shares		

Reporting Owners

/s/ Phillip Frost, M.D.

**Signature of Reporting Person

Reporting Owner Name / Address	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, 15TH FLOOR MIAMI, FL 33137		X					
Signatures							

08/19/2009

Date

Reporting Owners 4

/s/ Phillip Frost, M.D., as Trustee

08/19/2009

**Signature of Reporting Person

Date

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.

Signatures 5