Protalix BioTherapeutics, Inc.

Form 4

August 16, 2013

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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obligations

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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 may continue.

30(h) of the Investment Company Act of 1940

See Instruction

1(b).

(Print or Type Responses)

1. Name and Akirov Al	Address of Reporting fred	Syı	2. Issuer Name and Ticker or Trading Symbol Protalix BioTherapeutics, Inc. [PLX]				5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) (First) (Middle) C/O PROTALIX BIOTHERAPEUTICS, INC., 2 SNUNIT STREET, SCIENCE PARK, POB 455			3. Date of Earliest Transaction (Month/Day/Year) 08/14/2013				(Check all applicable) _X_ Director 10% Owner Officer (give title below) Other (specify below)			
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned									
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date any (Month/Day/Y	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	08/14/2013		S	100,000	D	\$ 5.05	4,927,713	I	By Corporation	
Common Stock	08/14/2013		S	5,000	D	\$ 5.07	4,922,713	I	By Corporation (1)	
Common Stock	08/14/2013		S	5,000	D	\$ 5.08	4,917,713	I	By Corporation	

(1)

Common Stock S 2,330 D \$ 4,915,383 I By Corporation (1)

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

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9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transa Code (Instr. 3	5. ctionNumbe of Securiti Acquire (A) or Dispose of (D) (Instr. 3 4, and 5	(Month/Day ive es ed ed	Pate	7. Title Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)
				Code	V (A) (I	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Akirov Alfred
C/O PROTALIX BIOTHERAPEUTICS, INC.
2 SNUNIT STREET, SCIENCE PARK, POB 455
CARMIEL, L3 20100

Signatures

/s/ Yossi Maimon, POA 08/16/2013

**Signature of Reporting 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).
- (1) All sales reported on this Form 4 were made by Alrov (Israel) Ltd.("Alrov Israel") and the column in Table 1 disclosing the amount of securities beneficially owned following the reported transactions includes 686,046 shares of the Issuer's common stock held by

Reporting Owners 2

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Technorov Holdings (1993) Ltd. ("Technorov"). Alrov Israel owns 100% of Al-Rov Technologies Holdings LTD, the holder of 80% of Technorov. The reporting person is the Chairman of Alrov Israel and the Chief Executive Officer of Technorov, and has the power to control their respective investment decisions. Alrov Israel is an Israeli publicly-traded company that is listed on the Tel Aviv Stock Exchange. The reporting person disclaims beneficial ownership of the securities of the Issuer held by Alrov Israel and Technorov, except to the extent of his proportional pecuniary interest therein.

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.