SEC Form 4	
------------	--

П

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to
Section 16. Form 4 or Form 5
obligations may continue. See
Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL OMB Number: 3235-0287

L		0200 0201
	Estimated average burde	en
	hours per response:	0.5
Ļ		

1. Name and Address of Reporting Person [*] Maimon Yossi			2. Issuer Name and Ticker or Trading Symbol <u>Protalix BioTherapeutics, Inc.</u> [PLX]	(Check	ationship of Reporting Pe < all applicable) Director Officer (give title	rson(s) to Issuer 10% Owner Other (specify
(Last) (First) (Middle) C/O PROTALIX BIOTHERAPEUTICS, INC. 2 SNUNIT STREET, SCIENCE PARK, POB 455			3. Date of Earliest Transaction (Month/Day/Year) 09/03/2010	- X	below) VP, Chief Financ	below)
(Street) CARMIEL L3 20100		20100 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	vidual or Joint/Group Filir Form filed by One Rep Form filed by More tha Person	porting Person

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, if any (Month/Day/Year)	3. Transa Code (8)					5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(1150.4)		
Common Stock	09/03/2010		S		38,500(1)	D	\$ <mark>8</mark>	0 ⁽²⁾	Ι	By trust ⁽³⁾		
Common Stock	09/07/2010		S		31,500 ⁽¹⁾	D	\$8.16	0 ⁽²⁾	Ι	By trust ⁽³⁾		
Common Stock	09/07/2010		М		70,000	Α	\$0.972	0 ⁽²⁾	Ι	By trust ⁽³⁾		

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 (8)		of Deri Sec Acq (A) (Disp of (I	umber vative urities uired or oosed D) (Instr. and 5)	Expiration Da	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Options (Right to Buy)	\$0.972	09/07/2010		М			70,000	(4)	09/19/2016	Common Stock	70,000	\$0	153,733 ⁽⁵⁾	D	

Explanation of Responses:

1. The sales reported on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.

2. The reporting person acquired 70,000 shares of common stock in connection with the exercise of outstanding options, all of which shares were sold by the reporting person.

3. To qualify for certain tax benefits under Section 102 of the Israeli Tax Ordinance, securities issued to an employee upon the exercise of stock options must be registered in the name of a trustee.

4. 25% of the options vested on September 19, 2007. The remaining 75% vest in 12 equal quarterly installments commencing on September 19, 2007.

5. Does not include (i) options to purchase 50,000 shares of common stock at an exercise price equal to \$2.65 per share that expire on February 25, 2019, (ii) options to purchase 130,000 shares of common stock at an exercise price equal to \$6.90 per share that expire on February 25, 2020 and (iii) options to purchase 175,000 shares of common stock at an exercise price equal to \$5.00 per share that expire on February 7, 2018.

/s/ Yossi Maimon

** Signature of Reporting Person

09/08/2010

Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.