

Maimon Yossi
Form 4
September 08, 2010

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 OF
SECURITIES**

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

OMB APPROVAL

OMB
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(Print or Type Responses)

1. Name and Address of Reporting Person *
Maimon Yossi

(Last) (First) (Middle)

C/O PROTALIX
BIOTHERAPEUTICS, INC., 2
SNUNIT STREET, SCIENCE
PARK, POB 455

(Street)

CARMIEL, L3 20100

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
Symbol
Protalix BioTherapeutics, Inc. [PLX]

3. Date of Earliest Transaction
(Month/Day/Year)
09/03/2010

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

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

____ Director ____ 10% Owner
X Officer (give title ____ Other (specify
below) below)
VP, Chief Financial Officer

6. Individual or Joint/Group Filing(Check
Applicable Line)
X Form filed by One Reporting Person
____ Form filed by More than One Reporting
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. Transaction Code (Instr. 8)	4. Securities Acquired or Disposed of (D) (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)			
			Code	V	Amount (1)	(A) or (D)	Price			
Common Stock	09/03/2010		S		38,500 (1)	D	\$ 8	0 (2)	I	By trust (3)
Common Stock	09/07/2010		S		31,500 (1)	D	\$ 8.16	0 (2)	I	By trust (3)
Common Stock	09/07/2010		M		70,000	A	\$ 0.972	0 (2)	I	By trust (3)

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**

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(9-02)

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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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Date of Acquisition or Disposition (Instr. 3, 4, and 5)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title	Amount or Number of Shares
Stock Options (Right to Buy)	\$ 0.972	09/07/2010		M	70,000	(4) 09/19/2016	Common Stock	70,000

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

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

VP, Chief Financial Officer

Signatures

/s/ Yossi Maimon 09/08/2010

**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).
- (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.

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- 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.
- (5)

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

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