

SECURITIES AND EXCHANGE COMMISSION

FORM 4

Statement of changes in beneficial ownership of securities

Filing Date: **2011-11-07** | Period of Report: **2011-11-03**

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REPORTING OWNER

Aryeh Jason

CIK: **1376960**

Type: **4** | Act: **34** | File No.: **001-34275** | Film No.: **111185893**

Mailing Address

10275 SCIENCE CENTER
DRIVE
SAN DIEGO CA 92121

ISSUER

Myrexis, Inc.

CIK: **1459450** | IRS No.: **263996918** | State of Incorporation: **DE** | Fiscal Year End: **0630**

SIC: **2834** Pharmaceutical preparations

Mailing Address

305 CHIPETA WAY
SALT LAKE CITY UT 84108

Business Address

305 CHIPETA WAY
SALT LAKE CITY UT 84108
801-214-7800

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person Aryeh Jason			2. Issuer Name and Ticker or Trading Symbol Myrexis, Inc. [MYRX]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 11/03/2011			6. Individual or Joint/Group Filing (Check applicable line) <input checked="" type="checkbox"/> Form Filed by One Reporting Person <input type="checkbox"/> Form Filed by More than One Reporting Person		
C/O MYREXIS, INC., 305 CHIPETA WAY			4. If Amendment, Date Original Filed(Month/Day/Year)					
(Street) SALT LAKE CITY, UT 84108								
(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, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) 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	(A) or (D)			
Common Stock	11/03/2011		<u>X</u>		1,200	A \$5	69,066	I	By JALAA Equities, LP (1)

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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Put Option (Obligation to Buy) (2)	\$5	11/03/2011		<u>X</u>			12 (2)	07/01/2011	12/16/2011	Common Stock	1,200	\$ 0	220	I	By JALAA Equities, LP (1)

Explanation of Responses:

- The Reporting Person is the founder and general partner of JALAA Equities, LP.
- Represents exchange-traded option contracts obligating JALAA Equities, LP to purchase shares of the Issuer's Common Stock at the exercise price upon exercise of the option by the holder of the option at any time until the expiration date. 100 shares of the Issuer's Common Stock underlies each option contract.

Signatures

By: /s/ Ann Margaret Eames, Attorney-in-Fact

** Signature of Reporting Person

11/07/2011

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.