#### **MYRIAD GENETICS INC**

Form 4

October 16, 2007

### FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

**OMB APPROVAL** 

3235-0287

Expires:

January 31, 2005

0.5

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

may continue.

See Instruction

Check this box

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(b).

(Print or Type Responses)

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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)	ransaction(A) or Disposed of (D) ode (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D) or	7. Nature of Indirect Beneficial Ownership
		(Monumbay, Tear)	Code V	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	Indirect (I) (Instr. 4)	(Instr. 4)
Common Stock	10/15/2007		M(1)	172	A	\$ 12.54	25,454	D	
Common Stock	10/15/2007		S <u>(1)</u>	172	D	\$ 54.96	25,282	D	
Common Stock	10/15/2007		M <u>(1)</u>	101	A	\$ 12.54	25,383	D	
Common Stock	10/15/2007		S(1)	101	D	\$ 54.98	25,282	D	
Common Stock	10/15/2007		M <u>(1)</u>	789	A	\$ 12.54	26,071	D	

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Common Stock	10/15/2007	S <u>(1)</u>	789	D	\$ 54.99	25,282	D
Common Stock	10/15/2007	M(1)	1,016	A	\$ 12.54	26,298	D
Common Stock	10/15/2007	S(1)	1,016	D	\$ 55	25,282	D
Common Stock	10/15/2007	M(1)	344	A	\$ 12.54	25,626	D
Common Stock	10/15/2007	S(1)	344	D	\$ 55.01	25,282	D
Common Stock	10/15/2007	M(1)	258	A	\$ 12.54	25,540	D
Common Stock	10/15/2007	S(1)	258	D	\$ 55.02	25,282	D
Common Stock	10/15/2007	M(1)	430	A	\$ 12.54	25,712	D
Common Stock	10/15/2007	S(1)	430	D	\$ 55.03	25,282	D
Common Stock	10/15/2007	M(1)	2,838	A	\$ 12.54	28,120	D
Common Stock	10/15/2007	S(1)	2,838	D	\$ 55.05	25,282	D
Common Stock	10/15/2007	M(1)	863	A	\$ 12.54	26,145	D
Common Stock	10/15/2007	S(1)	863	D	\$ 55.06	25,282	D
Common Stock	10/15/2007	M(1)	774	A	\$ 12.54	26,056	D
Common Stock	10/15/2007	S(1)	774	D	\$ 55.07	25,282	D
Common Stock	10/15/2007	M <u>(1)</u>	475	A	\$ 12.54	25,757	D
Common Stock	10/15/2007	S(1)	475	D	\$ 55.08	25,282	D
Common Stock	10/15/2007	M(1)	344	A	\$ 12.54	25,626	D
Common Stock	10/15/2007	S(1)	344	D	\$ 55.09	25,282	D
Common Stock	10/15/2007	M(1)	172	A	\$ 12.54	25,454	D
	10/15/2007	S(1)	172	D	\$ 55.1	25,282	D

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Common Stock							
Common Stock	10/15/2007	M <u>(1)</u>	602	A	\$ 12.54	25,884	D
Common Stock	10/15/2007	S <u>(1)</u>	602	D	\$ 55.11	25,282	D
Common Stock	10/15/2007	M(1)	688	A	\$ 12.54	25,970	D
Common Stock	10/15/2007	S <u>(1)</u>	688	D	\$ 55.12	25,282	D

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

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SEC 1474

(9-02)

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)	e 3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		ate	7. Titl Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	4, and 5)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

MOYES JAY M 320 WAKARA WAY SALT LAKE CITY, UT 84108

Chief Financial Officer

**Signatures** 

By: Richard M. Marsh For: Jay M. Moyes 10/16/2007

Reporting Owners 3

\*\*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) This transaction was effected pursuant to a Rule 10b5-1 trading plan.

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.

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