MYRIAD GENETICS INC

Form 4

October 16, 2007

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

(Print or Type Responses)

1. Name and Address of Reporting Person * **MOYES JAY M**

(First) (Middle)

(Zip)

2. Transaction Date 2A. Deemed

(Street)

(State)

(Month/Day/Year)

320 WAKARA WAY

(Last)

(City)

1.Title of

Security

(Instr. 3)

SALT LAKE CITY, UT 84108

2. Issuer Name and Ticker or Trading

MYRIAD GENETICS INC [MYGN]

Symbol

3. Date of Earliest Transaction

(Month/Day/Year) 10/15/2007

4. If Amendment, Date Original

Filed(Month/Day/Year)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 3. 4. Securities

Execution Date, if Code Disposed of (D) (Month/Day/Year) (Instr. 8)

TransactionAcquired (A) or (Instr. 3, 4 and 5)

Reported (A) Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

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

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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 3. Transaction Date 3A. Deemed 4. 5. Number 6. Date Exercisable and Derivative Conversion (Month/Day/Year) Execution Date, if Transaction of Derivative Expiration Date Securities Security or Exercise Code (Month/Day/Year) any

1

(Instr. 3 and 4)

7. Title and Amou

Underlying Securi

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

6. Individual or Joint/Group Filing(Check

6. Ownership

Form: Direct

(D) or Indirect Beneficial

X Form filed by One Reporting Person Form filed by More than One Reporting

(T)

(Instr. 4)

(Check all applicable)

below) Chief Financial Officer

10% Owner

Other (specify

7. Nature of

Ownership

(Instr. 4)

Indirect

Issuer

below)

Person

5. Amount of

Securities

Owned

Beneficially

Following

Director

Applicable Line)

X_ Officer (give title

Estimated average

burden hours per

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)				
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Nun of Shar
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <u>(1)</u>	344	04/14/2005	09/09/2013	Common Stock	34
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M(1)	172	04/14/2005	09/09/2013	Common Stock	1′
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <u>(1)</u>	4,527	04/14/2005	09/09/2013	Common Stock	4,5
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <u>(1)</u>	1,000	04/14/2005	09/09/2013	Common Stock	1,0
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <u>(1)</u>	600	04/14/2005	09/09/2013	Common Stock	60
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <u>(1)</u>	200	04/14/2005	09/09/2013	Common Stock	20
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <u>(1)</u>	200	04/14/2005	09/09/2013	Common Stock	20
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <u>(1)</u>	200	04/14/2005	09/09/2013	Common Stock	20
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <u>(1)</u>	200	04/14/2005	09/09/2013	Common Stock	20
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <u>(1)</u>	1,865	04/14/2005	09/09/2013	Common Stock	1,8
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <u>(1)</u>	573	04/14/2005	09/09/2013	Common Stock	5′
Non-Qualified Stock Option	\$ 12.54	10/15/2007		M(1)	100	04/14/2005	09/09/2013	Common Stock	10

(right to buy)

Non-Qualified

Stock Option \$ 12.54 10/15/2007 $M_{\underline{}}^{(1)}$ 55 04/14/2005 09/09/2013 Common Stock

(right to buy)

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

**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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