MYRIAD GENETICS INC

Form 4

September 17, 2009

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

OMB Number:

3235-0287

0.5

Check this box if no longer

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005

OMB APPROVAL

subject to Section 16. Form 4 or

SECURITIES

Estimated average burden hours per response...

Form 5 obligations may continue. See Instruction

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)

1. Name and Address of Reporting Person * SKOLNICK MARK H

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

Symbol

MYRIAD GENETICS INC [MYGN]

(Check all applicable)

(Last)

320 WAKARA WAY

(First)

(Middle)

3. Date of Earliest Transaction

(Month/Day/Year)

_X__ Director 10% Owner

Chief Scientific Officer

09/15/2009

X_ Officer (give title Other (specify below) below)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year) Applicable Line)

> _X_ Form filed by One Reporting Person Form filed by More than One Reporting

> > (Instr. 4)

Person

Issuer

SALT LAKE CITY, UT 84108

(City) (State) (Zip)

(Street)

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

1. Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D)

(Instr. 3, 4 and 5)

Code V Amount (D) Price

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I)

(Instr. 4)

(A)

(Instr. 8)

Following Reported Transaction(s)

(Instr. 3 and 4)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

any

4. 5. Number of **Transaction**Derivative Securities Code

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amour **Underlying Securit** (Instr. 3 and 4)

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(Instr. 3)	Price of (Month Derivative Security		(Month/Day/Year)	(Instr. 8)	Acquired (A or Disposed (D) (Instr. 3, 4, and 5)				
				Code V	7 (A) (D) Date Exercisable	Expiration Date	Title	Amo or Num of Sh
Incentive Stock Option (right to buy)	\$ 30.34	09/15/2009		A	3,861	<u>(1)</u>	09/15/2019	Common Stock	3,8
Non-Qualified Stock Option (right to buy)	\$ 30.34	09/15/2009		A	26,139	<u>(1)</u>	09/15/2019	Common Stock	26,1

Reporting Owners

Reporting Owner Name / Address	Relationships					
Treporting of the Figure 7 states of the Figu	Director	10% Owner	Officer	Other		
SKOLNICK MARK H 320 WAKARA WAY SALT LAKE CITY, UT 84108	X		Chief Scientific Officer			

Signatures

By: Richard Marsh For: Mark H. 09/17/2009 Skolnick

**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 combined Incentive Stock Option and Non-Qualified Stock Option grants vest 25% annually beginning on the first anniversary date of the option grant, subject to statutory ISO limitations.

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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