#### MYRIAD GENETICS INC

Form 4

September 16, 2005

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** Number:

3235-0287

0.5

January 31, Expires: 2005

**OMB APPROVAL** 

Estimated average

burden hours per response...

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).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person \*

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

SKOLNICK MARK H

(First)

(Street)

(Middle)

MYRIAD GENETICS INC [MYGN]

(Check all applicable)

320 WAKARA WAY

3. Date of Earliest Transaction

(Month/Day/Year)

\_X\_\_ Director 10% Owner X\_ Officer (give title Other (specify

09/14/2005

below)

4. If Amendment, Date Original

Chief Scientific Officer 6. Individual or Joint/Group Filing(Check

(Instr. 8)

Applicable Line)

Filed(Month/Day/Year)

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

below)

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 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

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

5. Amount of Securities Beneficially

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

Owned Following

Ownership (I) (Instr. 4) (Instr. 4)

(9-02)

(A)

(Instr. 3, 4 and 5)

Reported 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.

Persons who respond to the collection of SEC 1474 information contained in this form are not 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 3. Transaction Date 3A. Deemed 4. 5. Number of 6. Date Exercisable and 7. Title and Amour Derivative Conversion (Month/Day/Year) Execution Date, if **Transaction**Derivative **Expiration Date Underlying Securit** Securities Security or Exercise Code (Month/Day/Year) (Instr. 3 and 4) any

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(Instr. 3)		Price of Derivative Security		(Month/Day/Year)	(Instr. 8) Acquired (A) or Disposed (D) (Instr. 3, 4, and 5)		ed of	f			
					Code '	V (A)	(D)	Date Exercisable	Expiration Date	Title	Amo or Num of Sh
S	ncentive tock Option right to buy)	\$ 20.56	09/14/2005		A	19,452		<u>(1)</u>	09/14/2015	Common Stock	19,4
S	Ion-Qualified tock Option right to buy)	\$ 20.56	09/14/2005		A	6,548		(1)	09/14/2015	Common Stock	6,5

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
SKOLNICK MARK H 320 WAKARA WAY	X		Chief Scientific Officer				
SALT LAKE CITY, UT 84108							

## **Signatures**

By: Richard M. Marsh For: Mark H. Skolnick 09/16/2005

\*\*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.

Reporting Owners 2