#### **MYRIAD GENETICS INC**

Form 4

September 23, 2008

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB APPROVAL OMB** 

3235-0287 Number:

January 31, Expires: 2005

0.5

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Check this box

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

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person ** HOBDEN ADRIAN N			2. Issuer Name <b>and</b> Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	MYRIAD GENETICS INC [MYGN] 3. Date of Earliest Transaction	(Check all applicable)		
320 WAKAR	A WAY		(Month/Day/Year) 09/19/2008	Director 10% Owner _X_ Officer (give title Other (specify below) Pres. Myriad Pharmaceuticals		
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person		
SALT LAKE CITY, UT 84108				Form filed by More than One Reporting Person		
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acq	uired, Disposed of, or Beneficially Owned		

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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. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)  (A) or			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	(D)	Price	(Ilisti. 5 and 4)		
Common Stock	09/19/2008		M	992	A	\$ 5.125	73,916	D	
Common Stock	09/19/2008		S	992	D	\$ 66	72,924	D	

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 Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transactic Code (Instr. 8)	Derivative Securities Acquired (A) or Disposed of (D)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pr Deri Secu (Inst
			Code V	(Instr. 3, 4, and 5)  (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Incentive Stock Option (right to buy)	\$ 5.125	09/19/2008	M	992	<u>(1)</u>	10/21/2008	Common Stock	992	•

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

HOBDEN ADRIAN N 320 WAKARA WAY SALT LAKE CITY, UT 84108

Pres. Myriad Pharmaceuticals

## **Signatures**

By: Richard Marsh For: Adrian N. Hobden

09/22/2008

\*\*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) Right to buy incentive stock option. 20% vests annually beginning 10/21/99.

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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