MYRIAD GENETICS INC

Form 4

February 19, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

Number: 3235-0287

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

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

1(b).

(Print or Type Responses)

1. Name and A Capone Mar	•	_	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			MYRIAD GENETICS INC [MYGN]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
			(Month/Day/Year)	Director 10% Owner			
320 WAKA	RA WAY		02/18/2010	X Officer (give title Other (specify below) below) Chief Operating Officer, MGL			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
SALT LAKI	E CITY, UT	84108	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acq	uired, Disposed of, or Beneficially Owned			
1 Title of	2 Transaction	Date 2A Dee	med 3 4 Securities Acquired	5 Amount of 6 Ownership 7 Nature			

					-	• •		•
1. Title of Security	2. Transaction Date (Month/Day/Year)	Execution Date, if	3. Transactio	4. Securities Acon(A) or Disposed		5. Amount of Securities Beneficially	Form: Direct	7. Nature of Indirect
(Instr. 3)		any (Month/Day/Voor)		(D)	5)	.	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and	3)	Owned	Indirect (I)	Ownership
						Following	(Instr. 4)	(Instr. 4)
				(A)		Reported		
				or		Transaction(s)		
			Code V	Amount (D)	Price	(Instr. 3 and 4)		
Common Stock	02/18/2010		M	5,000 A	\$ 7.27	40,454	D	
Common Stock	02/18/2010		M	2,000 A	\$ 8.63	42,454	D	

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

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(9-02)

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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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. 5. Number Transaction Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Incentive Stock Option (right to buy)	\$ 7.27	02/18/2010		M	5,000	<u>(1)</u>	09/14/2015	Common Stock	5,000
Incentive Stock Option (right to buy)	\$ 8.63	02/18/2010		M	2,000	<u>(1)</u>	02/16/2016	Common Stock	2,000

Reporting Owners

Reporting Owner Name / Address	Relationships
- I	

Director 10% Owner Officer Other

Capone Mark Christopher 320 WAKARA WAY SALT LAKE CITY, UT 84108

Chief Operating Officer, MGL

Signatures

By: Richard Marsh For: Mark C. Capone 02/19/2010

**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