MARSH RICHARD M

Form 4

January 30, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

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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 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * MARSH RICHARD M			2. Issuer Name and Ticker or Trading Symbol MYRIAD GENETICS INC [MYGN]	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
			(Month/Day/Year)	Director 10% Owner		
320 WAKARA WAY			01/29/2009	X Officer (give title Other (specify below) V.P., General Counsel		
(Street)			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		
SALT LAKE CITY, UT 84108				Form filed by More than One Reporting Person		

							• `			
(City)	(State)	(Zip) Tab	ole I - No	on-I	Derivative	Secu	rities Acquii	ed, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transa Code (Instr.		4. Securi nor Dispo (Instr. 3,	sed of 4 and (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)
Common Stock	11/05/2008		G	V	1,600	D	\$ 0	9,674	D	
Common Stock	11/18/2008		G	V	2,000	D	\$ 0	7,674	D	
Common Stock	01/09/2009		G	V	2,000	D	\$ 0	5,674	D	
Common Stock	01/29/2009		M(1)		1,800	A	\$ 17.86	7,474	D	
Common Stock	01/29/2009		S <u>(1)</u>		1,800	D	\$ 75.0642	5,674	D	

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Common Stock	01/30/2009	M <u>(1)</u>	9,804	A	\$ 17.86	15,478	D	
Common Stock	01/30/2009	S <u>(1)</u>	9,804	D	\$ 75.0318	5,674	D	
Common Stock	11/18/2008	G(2) V	2,000	A	\$ 0	2,000	I	by Fam. Ltd. Ptnrshp
Common Stock	01/09/2009	G(2) V	2,000	A	\$ 0	4,000	I	by Fam. Ltd. Ptnrshp

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

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(9-02)

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. Transactic Code (Instr. 8)	5. Number components of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	erivative Expiration Date (Month/Day/Year) uired or cosed of ex. 3, 4,		7. Title and Amount Underlying Securitic (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Shares
Non-Qualified Stock Option (right to buy)	\$ 17.86	01/29/2009		M <u>(1)</u>	1,800	(3)	11/13/2012	Common Stock	1,80
Non-Qualified Stock Option (right to buy)	\$ 17.86	01/30/2009		M <u>(1)</u>	9,804	(3)	11/13/2012	Common Stock	9,80

Reporting Owners

Reporting Owner Name / Address	Relationships						
• 0	Director	10% Owner	Officer	Other			
MARSH RICHARD M							

320 WAKARA WAY V.P., General Counsel SALT LAKE CITY, UT 84108

Reporting Owners 2

Signatures

Richard M. 01/30/2009 Marsh

**Signature of Date
Reporting Person

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.
- (2) Shares indirectly owned as Manager of family limited liability company.
- (3) 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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