#### **MYRIAD GENETICS INC**

Form 4

February 24, 2011

### FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB APPROVAL OMB** 

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

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940

1(b).

Stock

(Print or Type Responses)

See Instruction

1. Name and AdMELDRUM	Symbol	•				5. Relationship of Reporting Person(s) to Issuer			
			D GENE		C [MY	GN]	(Chec	ck all applicable	<del>e</del> )
(Last)	(First) (M	(iddle) 3. Date of	Earliest Tra	insaction					
<i>(</i> 1)			(Month/Day/Year)				X Director 10% Owner		
320 WAKA	02/23/20	02/23/2011				_X_ Officer (give title Other (specify below)  President & C.E.O.			
							FIES	sident & C.E.O.	
	4. If Ame	4. If Amendment, Date Original				6. Individual or Joint/Group Filing(Check Applicable Line)			
	Filed(Mon	Filed(Month/Day/Year)							
							_X_ Form filed by		
SALT LAKI	E CITY, UT 8410	08					Person	More than One Re	porting
(City)	(State)	Zip) Tabl	e I - Non-Do	erivative S	ecuritie	es Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securit	ies Acq	uired	5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	n(A) or Dis	sposed of	of	Securities	Form: Direct	Indirect
(Instr. 3)		any	Code	(D)			Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4	4 and 5)	)	Owned	Indirect (I)	Ownership
							Following	(Instr. 4)	(Instr. 4)
					(A)		Reported Transaction(s)		
					or		(Instr. 3 and 4)		
_			Code V	Amount	(D)	Price	(======================================		
Common	12/15/2010		G V	37,500	D	\$0	173,926	D	

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)

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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 of TransactionDerivative 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 Amou Underlying Secur (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Am Nui Sha
Incentive Stock Option (right to buy)	\$ 18	02/23/2011		A	5,555	<u>(1)</u>	02/23/2021	Common Stock	5
Non-Qualified Stock Option (right to buy)	\$ 18	02/23/2011		A	234,445	<u>(1)</u>	02/23/2021	Common Stock	23

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
MELDRUM PETER D 320 WAKARA WAY SALT LAKE CITY, UT 84108	X		President & C.E.O.				

# **Signatures**

By: Richard Marsh For: Peter D.
Meldrum
02/24/2011

\*\*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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