#### **MYRIAD GENETICS INC**

Form 4

October 16, 2007

# FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

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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 Address of Reporting Person * MOYES JAY M			uer Name <b>and</b> Ticker or Trading ol IAD GENETICS INC [MYGN	5. Relationship of Reporting Person(s) to Issuer			
(T ()				(Check all applicable)			
(Last)	(First) (		e of Earliest Transaction	Director 10% Owner			
320 WAKA	ARA WAY	`	n/Day/Year) /2007	Officer (give title Other (specify below)			
	(Street)	4. If A	mendment, Date Original	6. Individual or Joint/Group Filing(Check			
SALT LAF	KE CITY, UT 841	·	Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip) T	able I - Non-Derivative Securities Ac	quired, Disposed of, or Beneficially Owned			
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	e 2A. Deemed Execution Date, any (Month/Day/Yea	Code (Instr. 3, 4 and 5)	Beneficially Form: Direct Beneficial Owned (D) or Ownership Following Indirect (I) (Instr. 4) Reported (Instr. 4) Transaction(s) (Instr. 3 and 4)			

(Instr. 3)	(Month/Day/Year)	execution Date, if any	Code (Instr. 3, 4 and 5)			Securities Beneficially	Form: Direct	Bene	
(111311. 3)		(Month/Day/Year)	(Instr. 8)				Owned Following	(D) or Indirect (I)	Owne (Instr
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common	n 10/15/2007		M(1)	344	A	\$ 12.54	25,626	D	
Common	n 10/15/2007		S <u>(1)</u>	344	D	\$ 55.66	25,282	D	
Common	n 10/15/2007		M(1)	172	A	\$ 12.54	25,454	D	
Common	n 10/15/2007		S <u>(1)</u>	172	D	\$ 55.7	25,282	D	
Common	n 10/15/2007		M <u>(1)</u>	4,527	A	\$ 12.54	29,809	D	

Comn	10/15/2007	S <u>(1)</u>	4,527	D	\$ 55	25,282	D
Comn Stock	10/15/2007	M <u>(1)</u>	1,000	A	\$ 12.54	26,282	D
Comn Stock	10/15/2007	S <u>(1)</u>	1,000	D	\$ 55.03	25,282	D
Comn	10/15/2007	M(1)	600	A	\$ 12.54	25,882	D
Comn Stock	10/15/2007	S <u>(1)</u>	600	D	\$ 55.04	25,282	D
Comn Stock	10/15/2007	M(1)	200	A	\$ 12.54	25,482	D
Comn Stock	10/15/2007	S <u>(1)</u>	200	D	\$ 55.05	25,282	D
Comn Stock	10/15/2007	M(1)	200	A	\$ 12.54	25,482	D
Comn Stock	10/15/2007	S <u>(1)</u>	200	D	\$ 55.06	25,282	D
Comn	10/15/2007	M(1)	200	A	\$ 12.54	25,482	D
Comn Stock	10/15/2007	S <u>(1)</u>	200	D	\$ 55.07	25,282	D
Comn Stock	10/15/2007	M <u>(1)</u>	200	A	\$ 12.54	25,482	D
Comn Stock	10/15/2007	S <u>(1)</u>	200	D	\$ 55.23	25,282	D
Comn	10/15/2007	M(1)	1,865	A	\$ 12.54	27,147	D
Comn	10/15/2007	S <u>(1)</u>	1,865	D	\$ 55.25	25,282	D
Comn	10/15/2007	M <u>(1)</u>	573	A	\$ 12.54	25,855	D
Comn	10/15/2007	S <u>(1)</u>	573	D	\$ 55.26	25,282	D
Comn	10/15/2007	M(1)	100	A	\$ 12.54	25,382	D
Comn Stock	10/15/2007	S <u>(1)</u>	100	D	\$ 55.29	25,282	D
Comn	10/15/2007	M(1)	55	A	\$ 12.54	25,337	D
	10/15/2007	S(1)	55	D		25,282	D

Common Stock	\$ 55.32		
Common Stock	200	I	Custodial 1
Common Stock	200	I	Custodial 2

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

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SEC 1474

(9-02)

number.

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. Transactio Code (Instr. 8)	e Securities (Month/Day/Year) Underly: (Instr. 3		Expiration Date		and Amouring Securit and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Shar	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <u>(1)</u>	1,118	04/14/2005	09/09/2013	Common Stock	1,1	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <u>(1)</u>	86	04/14/2005	09/09/2013	Common Stock	8	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M <u>(1)</u>	2,322	04/14/2005	09/09/2013	Common Stock	2,3	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M(1)	602	04/14/2005	09/09/2013	Common Stock	60	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M(1)	344	04/14/2005	09/09/2013	Common Stock	34	
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007		M(1)	258	04/14/2005	09/09/2013	Common Stock	25	

Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M(1)	860	04/14/2005	09/09/2013	Common Stock	86
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <u>(1)</u>	168	04/14/2005	09/09/2013	Common Stock	16
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M(1)	770	04/14/2005	09/09/2013	Common Stock	77
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M(1)	86	04/14/2005	09/09/2013	Common Stock	8
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M(1)	516	04/14/2005	09/09/2013	Common Stock	51
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M(1)	344	04/14/2005	09/09/2013	Common Stock	34
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <u>(1)</u>	15	04/14/2005	09/09/2013	Common Stock	1
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <u>(1)</u>	688	04/14/2005	09/09/2013	Common Stock	68
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <u>(1)</u>	833	04/14/2005	09/09/2013	Common Stock	83
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <u>(1)</u>	172	04/14/2005	09/09/2013	Common Stock	17
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <u>(1)</u>	101	04/14/2005	09/09/2013	Common Stock	10
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M(1)	789	04/14/2005	09/09/2013	Common Stock	78
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M(1)	1,016	04/14/2005	09/09/2013	Common Stock	1,0
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <u>(1)</u>	344	04/14/2005	09/09/2013	Common Stock	34
Non-Qualified Stock Option	\$ 12.54	10/15/2007	M <u>(1)</u>	258	04/14/2005	09/09/2013	Common Stock	25

(right to buy)								
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <u>(1)</u>	430	04/14/2005	09/09/2013	Common Stock	43
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <u>(1)</u>	2,838	04/14/2005	09/09/2013	Common Stock	2,8
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <u>(1)</u>	863	04/14/2005	09/09/2013	Common Stock	86
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <u>(1)</u>	774	04/14/2005	09/09/2013	Common Stock	77
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <u>(1)</u>	475	04/14/2005	09/09/2013	Common Stock	47
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <u>(1)</u>	344	04/14/2005	09/09/2013	Common Stock	34
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <u>(1)</u>	172	04/14/2005	09/09/2013	Common Stock	17
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <u>(1)</u>	602	04/14/2005	09/09/2013	Common Stock	60
Non-Qualified Stock Option (right to buy)	\$ 12.54	10/15/2007	M <u>(1)</u>	688	04/14/2005	09/09/2013	Common Stock	68

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
Treporting Owner Pump (Prumpos	Director	10% Owner	Officer	Other			
MOYES JAY M 320 WAKARA WAY SALT LAKE CITY, UT 84108			Chief Financial Officer				

# **Signatures**

By: Richard M. Marsh For: Jay M. 10/16/2007 Moyes

\*\*Signature of Reporting Person Date

Reporting Owners 5

## **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) Jay Moyes C/F Alex Moyes
- (3) Jay M. Moyes C/F Kelsey Moyes.

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.