MYRIAD GENETICS INC Form 3 September 16, 2009 FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 OMB approval

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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. Name and Address of Reporting Person <u>*</u> BEST LAWRENCE C			2. Date of Even Statement (Month/Day/Y	1 0	3. Issuer Name and Ticker or Trading Symbol MYRIAD GENETICS INC [MYGN]					
(Last) (Fi	rst)	(Middle)	09/16/2009		4. Relationship of Reporting Person(s) to Issuer			5. If Amendment, Date Original Filed(Month/Day/Year)		
320 WAKARA	WAY							× • /		
(Str SALT LAKE CITY, UT 84	reet) 4108				(Check all applicable) <u>X</u> Director 10% Owner Officer Other (give title below) (specify below)			6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
(City) (Sta	ate)	(Zip)	,	Table I - N	lon-Derivati	ve Securiti	es Bei	neficially Owned		
1.Title of Security (Instr. 4)				2. Amount of Beneficially ((Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nat Owne (Instr.	•		
Common Stock				190,000		D	Â			
Reminder: Report on owned directly or inc	-	e line for eac	ch class of secu	rities benefici	ally SI	EC 1473 (7-02))			
	informa require	tion conta d to respo	oond to the co ined in this fo nd unless the IB control nu	orm are not form displa						
Table	II - Deriv	vative Secur	ities Beneficial	ly Owned (e.	g., puts, calls,	warrants, opt	ions, co	onvertible securities)		

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	Derivative Security	Security: Direct (D) or Indirect	

3235-0104

January 31,

2005

0.5

Number:

Expires:

response...

Estimated average burden hours per

Shares

(I) (Instr. 5)

Reporting Owners

Reporting Owner Name / Address	Relationships					
1	Director	10% Owner	Officer	Other		
BEST LAWRENCE C 320 WAKARA WAY SALT LAKE CITY, UT 84108	ÂX	Â	Â	Â		
Signatures						
By: Richard Marsh For: Lawrence C. Best		09/16/200)9			
**Signature of Reporting Person		Date				

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(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).

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.