

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934  
(Amendment No. 1)\*

MYRIAD GENETICS, INC.

-----  
(Name of Issuer)

Common Stock

-----  
(Title of Class of Securities)

62855J104

-----  
(CUSIP Number)

December 31, 2000

-----  
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- ☒ Rule 13d-1(b)  
☐ Rule 13d-1(c)  
☐ Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

## NAME OF REPORTING PERSON

1. S.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Liberty Wanger Asset Management, L.P. 36-3820584

## CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

2. (a) ☐

Not Applicable

(b) ☐

## SEC USE ONLY

3.

## CITIZENSHIP OR PLACE OF ORGANIZATION

4.

Delaware

## SOLE VOTING POWER

5.

NUMBER OF

None

SHARES

## SHARED VOTING POWER

BENEFICIALLY

6.

OWNED BY

425,000

EACH

## SOLE DISPOSITIVE POWER

7.

REPORTING

None

PERSON

## SHARED DISPOSITIVE POWER

WITH

8.

425,000

## AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9.

425,000

## CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\*

10.

Not Applicable

☐

## PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

11.

1.9%

## TYPE OF REPORTING PERSON\*

12.

IA

\*SEE INSTRUCTION BEFORE FILLING OUT!

## NAME OF REPORTING PERSON

1. S.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

WAM Acquisition GP, Inc.

## CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

2. (a) ☐  
(b) ☐

Not Applicable

## SEC USE ONLY

3.

## CITIZENSHIP OR PLACE OF ORGANIZATION

4.

Delaware

## SOLE VOTING POWER

5.

NUMBER OF

None

SHARES

## SHARED VOTING POWER

BENEFICIALLY

6.

OWNED BY

425,000

EACH

## SOLE DISPOSITIVE POWER

7.

REPORTING

None

PERSON

## SHARED DISPOSITIVE POWER

WITH

8.

425,000

## AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9.

425,000

## CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\*

10.

☐

Not Applicable

## PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

11.

1.9%

## TYPE OF REPORTING PERSON\*

12.

CO

\*SEE INSTRUCTION BEFORE FILLING OUT!

## NAME OF REPORTING PERSON

1. S.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Liberty Acorn Trust

## CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

2. (a) ☐(b) ☐

Not Applicable

## SEC USE ONLY

3.

## CITIZENSHIP OR PLACE OF ORGANIZATION

4.

Massachusetts

## SOLE VOTING POWER

5.

NUMBER OF

None

SHARES

## SHARED VOTING POWER

BENEFICIALLY

6.

OWNED BY

320,000

EACH

## SOLE DISPOSITIVE POWER

7.

REPORTING

None

PERSON

## SHARED DISPOSITIVE POWER

WITH

8.

320,000

## AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9.

320,000

## CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\*

10.

☐

Not Applicable

## PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

11.

1.4%

## TYPE OF REPORTING PERSON\*

12.

IV

\*SEE INSTRUCTION BEFORE FILLING OUT!

Item 1(a) Name of Issuer:  
Myriad Genetics, Inc.

Item 1(b) Address of Issuer's Principal Executive Offices:  
320 Wakara Way  
Salt Lake City, UT 84108

Item 2(a) Name of Person Filing:  
Liberty Wanger Asset Management, L.P. ("WAM")  
WAM Acquisition GP, Inc., the general partner of WAM  
("WAM GP")  
Liberty Acorn Trust ("Acorn")

Item 2(b) Address of Principal Business Office:  
WAM, WAM GP and Acorn are all located at:  
  
227 West Monroe Street, Suite 3000  
Chicago, Illinois 60606

Item 2(c) Citizenship:  
WAM is a Delaware limited partnership; WAM GP is a Delaware corporation; Acorn is a Massachusetts business trust.

Item 2(d) Title of Class of Securities:  
Common Stock

Item 2(e) CUSIP Number:  
62855J104

Item 3 Type of Person:  
(d) Acorn is an Investment Company under section 8 of the Investment Company Act.  
(e) WAM is an Investment Adviser registered under section 203 of the Investment Advisers Act of 1940; WAM GP is the General Partner of the Investment Adviser.

Item 4            Ownership (at December 31, 2000):

          (a) Amount owned "beneficially" within the meaning of  
              rule 13d-3:

                  425,000

          (b) Percent of class:

                  1.9% (based on 22,269,640 shares outstanding as of  
                      September 1, 2000)

          (c) Number of shares as to which such person has:

                  (i) sole power to vote or to direct the vote: none

                  (ii) shared power to vote or to direct the  
                      vote: 425,000

                  (iii) sole power to dispose or to direct the  
                      disposition of: none

                  (iv) shared power to dispose or to direct  
                      disposition of: 425,000

Item 5            Ownership of Five Percent or Less of a Class:

                  If this statement is being filed to report the fact that as  
                      of the date hereof the reporting person has ceased to be the  
                      beneficial owner of more than five percent of the class of  
                      securities, check the following: [x]

Item 6            Ownership of More than Five Percent on Behalf of Another Person:

                  Not Applicable

Item 7            Identification and Classification of the Subsidiary Which  
                  Acquired the Security Being Reported on by the Parent Holding  
                  Company:

                  Not Applicable

Item 8            Identification and Classification of Members of the Group:

                  Not Applicable

Item 9            Notice of Dissolution of Group:

                  Not Applicable

Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

Signature

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After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 14, 2001

The undersigned corporation, on the date above written, agrees and consents to the joint filing on its behalf of this Schedule 13G in connection with its beneficial ownership of the security reported herein.

WAM Acquisition GP, Inc.  
for itself and as general partner of  
LIBERTY WANGER ASSET MANAGEMENT, L.P.

By: /s/ Bruce H. Lauer

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Bruce H. Lauer  
Senior Vice President and Secretary

The undersigned corporation, on the date above written, agrees and consents to the joint filing on its behalf of this Schedule 13G in connection with its beneficial ownership of the security reported herein.

LIBERTY ACORN TRUST

By: /s/ Bruce H. Lauer

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Bruce H. Lauer  
Vice President, Treasurer and  
Assistant Secretary



Exhibit Index

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Exhibit 1

Joint Filing Agreement dated as of February 14, 2001  
by and among Liberty Wanger Asset Management, L.P.,  
WAM Acquisition GP, Inc. and Liberty Acorn Trust

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JOINT FILING AGREEMENT

The undersigned hereby agree to the joint filing of the Schedule 13G to which this Agreement is attached.

Dated: February 14, 2001

WAM Acquisition GP, Inc.  
for itself and as general partner of  
LIBERTY WANGER ASSET MANAGEMENT, L.P.

By: /s/ Bruce H. Lauer

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Bruce H. Lauer  
Senior Vice President and Secretary

LIBERTY ACORN TRUST

By: /s/ Bruce H. Lauer

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Bruce H. Lauer  
Vice President, Treasurer and  
Assistant Secretary