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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. \_\_\_\_)\*

MYRIAD GENETICS, INC.

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(Name of Issuer)

Common Stock

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(Title of Class of Securities)

62855J104

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(CUSIP Number)

\*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).

Schedule is filed pursuant to Rule 13d-1(b).

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

Wanger Asset Management, L.P. 36-3820584

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

(a)

(b)

Not Applicable

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5 SOLE VOTING POWER

NUMBER OF

5

None

SHARES

6 SHARED VOTING POWER

BENEFICIALLY

6

724,100

OWNED BY

7 SOLE DISPOSITIVE POWER

EACH

7

REPORTING

None

PERSON

8 SHARED DISPOSITIVE POWER

WITH

8

724,100

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

724,100

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

Not Applicable

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

7.2%

12 TYPE OF REPORTING PERSON\*

IA

\* SEE INSTRUCTION BEFORE FILLING OUT!

1 NAME OF REPORTING PERSON  
 S.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
 Wanger Asset Management, Ltd.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*  
 (a)   
 (b)   
 Not Applicable

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION  
 Delaware

5 SOLE VOTING POWER  
 NUMBER OF SHARES 5 None

6 SHARED VOTING POWER  
 BENEFICIALLY OWNED BY EACH 6 724,100

7 SOLE DISPOSITIVE POWER  
 REPORTING PERSON 7 None

8 SHARED DISPOSITIVE POWER  
 WITH 8 724,100

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
 724,100

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\*  
 [ ]  
 Not Applicable

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9  
 7.2%

12 TYPE OF REPORTING PERSON\*  
 CO

\* SEE INSTRUCTION BEFORE FILLING OUT!

1 NAME OF REPORTING PERSON  
 S.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
 Acorn Investment Trust

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a)   
 (b)   
 Not Applicable

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION  
 Massachusetts

5 SOLE VOTING POWER  
 NUMBER OF SHARES 5 None

6 SHARED VOTING POWER  
 BENEFICIALLY OWNED BY 6 551,700

7 SOLE DISPOSITIVE POWER  
 EACH REPORTING PERSON 7 None

8 SHARED DISPOSITIVE POWER  
 WITH 8 551,700

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
 551,700

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\*   
 Not Applicable

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9  
 5.5%

12 TYPE OF REPORTING PERSON\*  
 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:

390 Wakara Way  
Salt Lake City, UT 84108

Item 2(a) Name of Person Filing:

Wanger Asset Management, L.P. ("WAM")  
Wanger Asset Management Ltd., the general partner of WAM ("WAM LTD.")  
Acorn Investment Trust ("Acorn")

Item 2(b) Address of Principal Business Office:

WAM, WAM LTD., 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 LTD. 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 LTD. is the General Partner of the Investment Adviser.

- Item 4      Ownership (at December 31, 1999):
- (a)    Amount owned "beneficially" within the meaning of rule 13d-3:  
724,100
  - (b)    Percent of class:  
7.2%
  - (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:  
724,100
    - (iii)  sole power to dispose or to direct the disposition of:  
none
    - (iv)  shared power to dispose or to direct disposition of:  
724,100
- Item 5      Ownership of Five Percent or Less of a Class:  
Not Applicable
- Item 6      Ownership of More than Five Percent on Behalf of Another Person:  
The shares reported herein have been acquired on behalf of discretionary clients of WAM, including Acorn. Persons other than WAM and WAM LTD. are entitled to receive all dividends from, and proceeds from the sale of, those shares. Acorn is the only such person known to be entitled to all dividends from, and all proceeds from the sale of, shares reported herein to the extent of more than 5% of the class.
- 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

Item 10 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 11, 2000

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.

WANGER ASSET MANAGEMENT, LTD.  
for itself and as general partner of  
WANGER ASSET MANAGEMENT, L.P.

By: /s/ Bruce H. Lauer

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Bruce H. Lauer  
Vice President

The undersigned, 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.

ACORN INVESTMENT TRUST

By: /s/ Bruce H. Lauer

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Bruce H. Lauer  
Vice President and Treasurer