MYRIAD GENETICS INC Form SC 13G February 08, 2017 UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549 SCHEDULE 13G UNDER THE SECURITIES EXCHANGE ACT OF 1934 ANNUAL FILING MYRIAD GENETICS, INC. (NAME OF ISSUER) COMMON STOCK (TITLE OF CLASS OF SECURITIES) 62855J104 (CUSIP NUMBER) 12/31/2016 (DATE OF EVENT WHICH REQUIRES FILING OF THIS STATEMENT) CHECK THE APPROPRIATE BOX TO DESIGNATE THE RULE PURSUANT TO WHICH THIS SCHEDULE IS FILED: (X) 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).

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- 1. NAME OF REPORTING PERSON: STATE STREET CORPORATION I.R.S. IDENTIFICATION NO. OF THE ABOVE PERSON: 04-2456637
- 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

NOT APPLICABLE

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

BOSTON, MASSACHUSETTS

5. SOLE VOTING POWER

0 SHARES

6. SHARED VOTING POWER

3,589,079

7. SOLE DISPOSITIVE POWER

0 SHARES

8. SHARED DISPOSITIVE POWER

3,589,079

9. AGGREGATED AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

3,589,079

- 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

5.25%

- 12. TYPE OF REPORTING PERSON
 - НC

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ITEM 1.

- (A) NAME OF ISSUER MYRIAD GENETICS, INC.
- (B) ADDRESS OF ISSUER`S PRINCIPAL EXECUTIVE OFFICES 320 WAKARA WAY SALT LAKE CITY UT 84108

ITEM 2.

- (A) NAME OF PERSON FILING STATE STREET CORPORATION AND ANY OTHER REPORTING PERSON IDENTIFIED ON THE SECOND PART OF THE COVER PAGES HERETO
- (B) ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IN NONE, RESIDENCE STATE STREET FINANCIAL CENTER ONE LINCOLN STREET BOSTON, MA 02111 (FOR ALL REPORTING PERSONS)
- (C) CITIZENSHIP: SEE ITEM 4 (CITIZENSHIP OR PLACE OF ORGANIZATION) OF COVER PAGES

- (D) TITLE OF CLASS OF SECURITIES COMMON STOCK
- (E) CUSIP NUMBER: 62855J104

ITEM 3.

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- CUSIP NO: 62855J104 13G Page 4 of 5 Pages
- ITEM 4. OWNERSHIP THE INFORMATION SET FORTH IN ROWS 5 THROUGH 11 OF THE COVER PAGE HERETO FOR EACH OF THE REPORTING PERSONS IS INCORPORATED HEREIN BY REFERENCE.
- ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF CLASS NOT APPLICABLE
- 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 OR CONTROL PERSON SEE EXHIBIT 1 ATTACHED HERETO
- ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMEBERS 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 OR WITH THE EFFECT OF CHANGING OR INFLUENCING THE CONTROL OF THE ISSUER OF THE SECURITIES AND WERE NOT ACQUIRED AND

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ARE NOT HELD IN CONNECTION WITH OR AS A PARTICIPANT IN ANY TRANSACTION HAVING THAT PURPOSE OR EFFECT.

SIGNATURES

AFTER REASONABLE INQUIRY AND TO THE BEST OF HIS KNOWLEDGE AND BELIEF, EACH OF THE UNDERSIGNED CERTIFIES THAT THE INFORMATION SET FORTH IN THIS STATEMENT IS TRUE, COMPLETE AND CORRECT.

FEBRUARY 6, 2017 STATE STREET CORPORATION

/S/ SEAN P. NEWTH SENIOR VICE PRESIDENT, CHIEF ACCOUNTING OFFICER AND CONTROLLER

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EXHIBIT 1

THE FOLLOWING TABLE LISTS THE IDENTITY AND ITEM 3 CLASSIFICATION OF EACH SUBSIDIARY OF STATE STREET CORPORATION, THE PARENT HOLDING COMPANY, THAT BENEFICIALLY OWNS THE ISSUER'S SECURITIES. PLEASE REFER TO ITEM 3 OF THE ATTACHED SCHEDULE 13G FOR A DESCRIPTION OF EACH OF THE TWO-LETTER SYMBOLS REPRESENTING THE ITEM 3 CLASSIFICATION BELOW.

SUBSIDIARY	ITEM 3 CLASSIFICATION
STATE STREET BANK AND TRUST COMPANY	BK
SSGA FUNDS MANAGEMENT, INC.	IA
STATE STREET GLOBAL ADVISORS, LTD	IA
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	IA

NOTE: ALL OF THE LEGAL ENTITIES ABOVE ARE DIRECT OR INDIRECT SUBSIDIARIES OF STATE STREET CORPORATION.