

SIGNAL GENETICS, INC.

Form 4

June 30, 2016

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN 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 *
Riccitelli Samuel D

(Last) (First) (Middle)

C/O SIGNAL GENETICS, INC., 5740 FLEET STREET

(Street)

CARLSBAD, CA 92008

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

SIGNAL GENETICS, INC. [SGNL]

3. Date of Earliest Transaction (Month/Day/Year)

06/28/2016

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)

President & CEO

6. Individual or Joint/Group Filing(Check Applicable Line)

Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|
| | | | | Code V | Amount | | |
| Common Stock | 06/28/2016 | | | M | 124,251 | A | |
| | | | | | \$ 0 | | |
| | | | | | (1) | | |
| Common Stock | 06/28/2016 | | | F | 64,835 | D | |
| | | | | | \$ | | |
| | | | | | 0.46 | | |

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

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SEC 1474 (9-02)

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. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | | | |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|----------------|----------------------------|---------|
| | | | | Code | V (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | |
| Restricted Stock Units ⁽¹⁾ | \$ 0 ⁽¹⁾ | 06/28/2016 | | M | | 124,251 | ⁽³⁾ | ⁽³⁾ | Common Stock | 124,251 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|-----------------|-------|
| | Director | 10% Owner | Officer | Other |
| Riccitelli Samuel D C/O SIGNAL GENETICS, INC. 5740 FLEET STREET CARLSBAD, CA 92008 | X | | President & CEO | |

Signatures

/s/Samuel D.
Riccitelli

06/30/2016

 Signature of
Reporting Person

Date

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).

Each restricted stock unit represents the contingent right to receive the economic equivalent of one share of the Issuer's common stock,

- (1) payable in shares of common stock, cash or some combination of both, as determined by the Issuer. The restricted stock units reported herein converted into common stock on a one-for-one basis.
- (2) Shares withheld to satisfy tax withholding obligations.
- (3) On June 17, 2014, the reporting person was granted 745,511 restricted stock units. Under the terms of the restricted stock unit agreement, the final 16-2/3% of the award vested on the two-year anniversary of the grant date and settled on June 28, 2016.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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