

SIGNAL GENETICS, INC.

Form 4

August 10, 2016

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2015
Estimated average burden hours per response... 0.5

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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 *
SEYMOUR TAMARA A

(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)
08/08/2016

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)
CFO, Secretary, Treasurer

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)
				(A) or (D)	Price		
Common Stock	08/08/2016		M	23,000	A \$ 37,478	I	By Trust
Common Stock	08/08/2016		F	10,484	D \$ 0.485	I	By Trust

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

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SEC 1474 (9-02)

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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)	8. Amount or Number of Shares
Restricted Stock Units	(1)	08/08/2016		M	23,000	(3) (3)	Common Stock	23,000

Reporting Owners

Reporting Owner Name / Address	Relationships
SEYMOUR TAMARA A C/O SIGNAL GENETICS, INC. 5740 FLEET STREET CARLSBAD, CA 92008	Director 10% Owner Officer CFO, Secretary, Treasurer

Signatures

/s/Samuel D. Riccitelli, as Attorney-in-Fact for Tamara A. Seymour 08/10/2016

**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).
- (1) Restricted stock units converted into common stock on a one-for-one basis.
- (2) Shares withheld to satisfy tax withholding obligations.

On August 4, 2014 the reporting person was granted 92,000 restricted stock units. Under the terms of the restricted stock unit agreement, (3) 23,000 shares vested on each of August 4, 2015 and August 4, 2016 and the remainder shares will vest in two equal installments on each of August 4, 2017 and August 4, 2018. The shares being reported herein were settled on August 8, 2016.

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.