

SIGNAL GENETICS, INC.  
Form 4  
February 07, 2017

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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 \*  
**LEBOW BENNETT S**

(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)  
**02/03/2017**

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)

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 Ownership (Instr. 4)			
			Code	V	Amount or Price (A) or (D)					
Common Stock	02/03/2017		M		1,200 <u>(1)</u>	A	7.65 <u>(1)</u>	1,533 <u>(1)</u>	D	
Common Stock								148,841 <u>(1)</u>	I	By LeBow Alpha, LLLP <u>(2)</u>

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

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

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)	8. Amount or Number of Shares
Stock Option (Right to Buy)	\$ 7.65 <sup>(1)</sup>	02/03/2017		M	1,200 <sup>(1)</sup>	<sup>(3)</sup> 06/15/2026	Common Stock	1,200 <sup>(1)</sup>

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LEBOW BENNETT S C/O SIGNAL GENETICS, INC. 5740 FLEET STREET CARLSBAD, CA 92008	X	X		

## Signatures

/s/ Samuel D. Riccitelli, Attorney-in-Fact for Bennett S. LeBow 02/03/2017

\_\_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) On November 4, 2016, the issuer effected a one-for-15 reverse split of its Common Stock (the "Reverse Split"), and the number of securities and/or the exercise price reported reflect the Reverse Split.

These shares are owned by LeBow Alpha, LLLP ("LeBow Alpha"). The reporting person is President of the general partner of LeBow

(2) Alpha and, as such, has the power to vote and dispose of the shares owned by LeBow Alpha. The reporting person disclaims beneficial ownership of those shares owned by LeBow Alpha except to the extent of his pecuniary interest therein.

(3) The option initially vested and became exercisable in twelve equal monthly installments beginning on June 30, 2016 and ending on May 31, 2017. However, upon approval of the issuer's board of directors, vesting was accelerated and the option became fully vested.

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.