

Invitae Corp  
Form 4  
May 18, 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 \*  
Dumond Patty

(Last) (First) (Middle)

C/O INVITAE CORPORATION, 458 BRANNAN STREET

(Street)

SAN FRANCISCO, CA 94107

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
Invitae Corp [NVTA]

3. Date of Earliest Transaction (Month/Day/Year)  
05/16/2016

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)  
VP Fin. & Principal Acct. Off.

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)
				(A) or (D)	Price		
				Code V	Amount		
Common Stock	05/16/2016		M <sup>(1)</sup>	1,000 A	\$ 2.82	12,033 <sup>(2)</sup>	D
Common Stock	05/16/2016		S <sup>(1)</sup>	1,000 D	\$ 8.73	11,033 <sup>(2)</sup>	D
Common Stock	05/17/2016		S <sup>(1)</sup>	2,221 D	\$ 8.35 <sup>(3)</sup>	8,812	D

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

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
Employee Stock Option (right to buy)	\$ 2.82	05/16/2016		M <sup>(1)</sup>	1,000	<sup>(4)</sup> 09/11/2023	Common Stock	1,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Dumond Patty C/O INVITAE CORPORATION 458 BRANNAN STREET SAN FRANCISCO, CA 94107			VP Fin. & Principal Acct. Off.	

## Signatures

/s/ Patty Dumond 05/18/2016

\*\*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) This transaction was effected pursuant to a Rule 10b 5-1 trading plan previously adopted by the reporting person.
- (2) Includes 2,221 shares of the Company's Common Stock acquired pursuant to the Company's Employee Stock Purchase Plan. Represents a weighted average purchase price for multiple transactions at prices ranging from \$7.94 to \$8.77, inclusive. Upon request by
- (3) the Commission staff, the Company or a security holder of the Company, the reporting person will provide full information regarding the number of shares purchased by the reporting person on May 17, 2016 at each separate price.

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- (4) The option became exercisable as to 25% of the shares on September 11, 2014, and becomes exercisable as to 1/48th of the shares each full month thereafter.

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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