

# FORM 4

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

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

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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  
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *			2. Issuer Name and Ticker or Trading Symbol			5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
<b>George Sean E</b>			<b>Invitae Corp [ NVTA ]</b>			<input checked="" type="checkbox"/> Director <span style="float:right">_____ 10% Owner</span> <input checked="" type="checkbox"/> Officer (give title below) <span style="float:right">_____ Other (specify below)</span> <b>President/COO</b>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (MM/DD/YYYY)					
<b>C/O INVITAE</b>			<b>8/11/2015</b>					
<b>CORPORATION, 458 BRANNAN STREET</b>								
(Street)			4. If Amendment, Date Original Filed (MM/DD/YYYY)			6. Individual or Joint/Group Filing (Check Applicable Line)		
<b>SAN FRANCISCO, CA 94107</b>						<input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
(City)			(State)			(Zip)		

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

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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 Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	8/11/2015		P		25355	A	\$9.22 (1)	193914	D	
Common Stock	8/12/2015		P		5133	A	\$8.99 (2)	199047	D	
Common Stock	8/12/2015		P		5094	A	\$9.04 (3)	204141	D	
Common Stock	8/12/2015		P		14317	A	\$9.24 (4)	218458	D	

**Table II - Derivative Securities Beneficially Owned ( e.g. , puts, calls, warrants, options, convertible securities)**

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

**Explanation of Responses:**

- (1) Represents a weighted average purchase price for multiple transactions at prices ranging from \$9.00 to \$9.32, inclusive. Upon request by 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 August 11, 2015 at each separate price.
- (2) Represents a weighted average purchase price for multiple transactions at prices ranging from \$8.84 to \$9.03, inclusive. Upon request by 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 August 12, 2015 at each separate price.
- (3) Represents a weighted average purchase price for multiple transactions at prices ranging from \$9.00 to \$9.08, inclusive. Upon request by 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 August 12, 2015 at each separate price.
- (4) Represents a weighted average purchase price for multiple transactions at prices ranging from \$9.00 to \$9.32, inclusive. Upon request by 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 August 12, 2015 at each separate price.

**Reporting Owners**

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
<b>George Sean E C/O INVITAE CORPORATION  458 BRANNAN STREET SAN FRANCISCO, CA 94107</b>	<b>X</b>		<b>President/COO</b>	

**Signatures**

/s/ Patty Dumond, Attorney-in-Fact

8/13/2015

\*\* Signature of Reporting Person

Date

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

\* 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).

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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