Stueland Katherine Form 4 December 19, 2018

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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Check this box

if no longer

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

See Instruction 1(b).

(Print or Type Responses)

(City)

(State)

(Zip)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Stueland Katherine Issuer Symbol Invitae Corp [NVTA] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner Other (specify X_ Officer (give title C/O INVITAE 12/17/2018 below) CORPORATION, 1400 16TH Chief Commercial Officer **STREET** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting SAN FRANCISCO, CA 94103

		14.0	Tubic 1 Troit 2 of Trust to Securities 11 equities 4, 2 is possed on, of 2 of the continuity of the continuity						
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securi	ties A	cquired	5. Amount of	6.	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	on(A) or Di	ispose	d of (D)	Securities	Ownership	Indirect
(Instr. 3)		any	Code	(Instr. 3,	4 and	5)	Beneficially	Form: Direct	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	(D) or	Ownership
							Following	Indirect (I)	(Instr. 4)
					()		Reported	(Instr. 4)	
					(A)		Transaction(s)		
			C 1 W		or	ъ.	(Instr. 3 and 4)		
			Code V	Amount	(D)	Price			
Common						\$			
	12/17/2018		S	1,000	D	11.437	189,370 (4)	D	
Stock (1)						(2) (3)			

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Owne
	Security				Acquired						Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						`
					4, and 5)						
									Amount		
						Date	Expiration		or		
						Exercisable	Date	Title Number			
						Lacroisdoic	Dute		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
toporting o what I tunio / I tunio	Director	10% Owner	Officer	Other			
Stueland Katherine C/O INVITAE CORPORATION 1400 16TH STREET SAN FRANCISCO, CA 94103			Chief Commercial Officer				

Signatures

/s/ Katherine
Stueland

**Signature of Reporting Person

12/19/2018

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) These sales of common stock were effected pursuant to Rule 10b5-1 sales plan adopted by the reporting person on September 14, 2018.
- (2) Reporting person undertakes to provide upon request by the Securities and Exchange Commission, the issuer or a securityholder of the issuer detailed information regarding the price and number of shares sold within the range indicated.
- (3) Represents weighted average sale price. Actual sale prices ranged from \$10.97 to \$11.86.
- (4) Includes an aggregate of 175,294 shares of common stock issuable pursuant to previously reported restricted stock units that have not 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.

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