Invitae Corp Form 4 December 06, 2016

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

Check this box if no longer

subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Symbol

Form 5 obligations may continue. See Instruction

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

2. Issuer Name and Ticker or Trading

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * Thomas, McNerney & Partners II L.P.

(Last)

(First)

(Middle)

C/O THOMAS, MCNERNEY & PARTNERS, L.P., 19TH FLOOR-ONE LANDMARK SQ.

STAMFORD, CT 06901

(City)

(Street)

(Zip)

(State)

Filed(Month/Day/Year)

Invitae Corp [NVTA]

(Month/Day/Year)

12/01/2016

3. Date of Earliest Transaction

4. If Amendment, Date Original

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

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8)

(Instr. 3, 4 and 5)

Following Reported (A) Transaction(s)

or (Instr. 3 and 4) Code V Amount (D) Price

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 required to respond unless the form displays a currently valid OMB control number.

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

3. Transaction Date 3A. Deemed 1. Title of (Month/Day/Year) Execution Date, if TransactionNumber Derivative Conversion

5.

6. Date Exercisable and **Expiration Date**

7. Title and Amount of

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

6. Individual or Joint/Group Filing(Check

Form filed by One Reporting Person _X_ Form filed by More than One Reporting

6. Ownership

Form: Direct

(I)

(Instr. 4)

(Check all applicable)

10% Owner Other (specify

7. Nature of

Ownership (Instr. 4)

(9-02)

Indirect

(D) or Indirect Beneficial

Issuer

below)

Person

5. Amount of

Securities

Owned

Beneficially

Director

Applicable Line)

Officer (give title

Estimated average

burden hours per

8. Price of 9. Nu Derivative Deriv

1

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Security (Instr. 3)	or Exercise Price of Derivative Security	any (Month/Day/Year)	Code (Instr. 8	S) D So A (A D of (I	of (Month/Day/Year) Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Year)	Secur	rlying ities . 3 and 4)	Security (Instr. 5)	Secur Bene Own Follo Repo Trans (Instr	
			Code	V (A	A) (1	D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address		Relationships						
	Director	10% Owner	Officer	Other				
Thomas, McNerney & Partners II L.P. C/O THOMAS, MCNERNEY & PARTNERS, L.P. 19TH FLOOR-ONE LANDMARK SQ. STAMFORD, CT 06901		X						
TMP Associates II LP C/O THOMAS, MCNERNEY & PARTNERS, L.P. 19TH FLOOR-ONE LANDMARK SQ. STAMFORD, CT 06901		X						
TMP Nominee II, LLC C/O THOMAS, MCNERNEY & PARTNERS, L.P. 19TH FLOOR-ONE LANDMARK SQ. STAMFORD, CT 06901		X						
Thomas, McNerney & Partners II, LLC C/O THOMAS, MCNERNEY & PARTNERS, L.P. 19TH FLOOR-ONE LANDMARK SQ. STAMFORD, CT 06901		X						

Signatures

THOMAS, MCNERNEY & PARTNERS II, L.P., By: Thomas, McNerney & Partners II,				
LLC, its General Partner, By: /s/ James E. Thomas, Manager				
**Signature of Reporting Person	Date			
TMP ASSOCIATES II, L.P., By: Thomas, McNerney & Partners II, LLC, its General				
Partner, By: /s/ James E. Thomas, Manager				
**Signature of Reporting Person	Date			
TMP NOMINEE II, LLC, By: /s/ James E. Thomas, Attorney-In-Fact	12/05/2016			
**Signature of Reporting Person	Date			
THOMAS, MCNERNEY & PARTNERS II, LLC, By: /s/ James E. Thomas, Manager				

Reporting Owners 2

12/05/2016

**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).

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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