

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)	
WERNER ROBERT F.		Invitae Corp [NVT A]		<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Chief Accounting Officer	
(Last) (First) (Middle)		3. Date of Earliest Transaction (MM/DD/YYYY)			
C/O INVITAE CORPORATION, 1400 16TH STREET		10/5/2020			
(Street)		4. If Amendment, Date Original Filed (MM/DD/YYYY)		6. Individual or Joint/Group Filing (Check Applicable Line)	
SAN FRANCISCO, CA 94103				<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	10/5/2020		A		30000 (1)	A	\$0	60334 (2)	D	
Common Stock	11/24/2020		S(3)		437	D	\$46.91 (4)	60388 (2)(5)	D	
Common Stock	11/24/2020		S(3)		1051	D	\$48.37 (6)	59337 (2)	D	
Common Stock	11/24/2020		S(3)		439	D	\$49.99 (7)	58898 (2)	D	
Common Stock	11/24/2020		S(3)		400	D	\$50.56 (8)	58498 (2)	D	
Common Stock	11/24/2020		S(3)		100	D	\$52.12	58398 (2)	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:

- Shares issued upon settlement of a restricted stock unit award that vests in three equal installments, with 1/3rd of the remaining award vesting on each of August 15, 2021, 2022 and 2023, subject to continued service with the Issuer through the applicable vesting dates.
- Includes an aggregate of 57,610 shares of common stock issuable pursuant to previously reported restricted stock units that have not vested.
- The sale of common stock was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on September 10, 2020.
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$46.70 to \$47.33, inclusive. The reporting person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price.
- Includes 491 shares purchased under the Company's Employee Stock Purchase Plan on November 13, 2020.
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$48.04 to \$49.00, inclusive. The reporting person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price.
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$49.29 to \$50.24, inclusive. The reporting person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price.
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$50.37 to \$50.84, inclusive. The reporting person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
WERNER ROBERT F. C/O INVITAE CORPORATION 1400 16TH STREET SAN FRANCISCO, CA 94103			Chief Accounting Officer	

Signatures/s/ Thomas Brida, Attorney-in-fact11/27/2020

--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.

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.