Shuster Lewis Form 4 December 02, 2010

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

Check this box

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

Shuster Lewis

2. Issuer Name and Ticker or Trading

Symbol

COMPLETE GENOMICS INC

[GNOM]

(Last) (First) (Middle)

(Month/Day/Year)

C/O COMPLETE GENOMICS. 11/30/2010 INC., 2071 STIERLIN COURT

(Zip)

(Street)

4. If Amendment, Date Original

3. Date of Earliest Transaction

Filed(Month/Day/Year)

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

Officer (give title

MOUNTAIN VIEW, CA 94043-4655

> (City) (State)

1. Title of (Month/Day/Year) Security (Instr. 3)

2. Transaction Date 2A. Deemed Execution Date, if

Code (Month/Day/Year) (Instr. 8)

3.

TransactionAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5)

Code V Amount (D) Price

(A)

or

4. Securities

5. Amount of Securities Beneficially Owned Following

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

Issuer

below)

X_ Director

Applicable Line)

Form: Direct (I) (Instr. 4)

6. Ownership

7. Nature of Indirect (D) or Indirect Beneficial Ownership

(Instr. 4)

10% Owner

Other (specify

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

(Check all applicable)

Estimated average

burden hours per

Reported Transaction(s) (Instr. 3 and 4)

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

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| 1. Title of Derivativ Security (Instr. 3) | | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | Transaction Derivative Code Securities (Instr. 8) 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. Pr Deri Secu (Inst |
|--|---------|---|---|--|---------|--|--------------------|---|--|--------------------------------|
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | |
| Restrict Stock Units | ted (1) | 11/30/2010 | | A | 2,500 | (2) | (2) | Common Stock | 2,500 | \$ |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | |
|---|---------------|-----------|---------|-------|--|--|
| | Director | 10% Owner | Officer | Other | | |
| Shuster Lewis C/O COMPLETE GENOMICS, INC. 2071 STIERLIN COURT MOUNTAIN VIEW, CA 94043-4655 | X | | | | | |

Signatures

/s/ Maureen Monahan as Attorney-in-Fact for Mr. Shuster

12/02/2010

**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) Each restricted stock unit represents a contingent right to receive one share of Issuer's common stock.

The restricted stock units vest in three successive and equal annual installments measured from November 30, 2010, such that the restricted stock units will vest in full on the third anniversary of November 30, 2010, subject to the Reporting Person's continued employment or service relationship with the Issuer on each of the vesting dates. Such restricted stock units include a change of control provision such that all unvested awards will immediately vest and become exercisable in connection with a change of control of Issuer.

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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