Martin Bruce K Form 4 April 13, 2011

FORM 4

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

2. Issuer Name and Ticker or Trading

COMPLETE GENOMICS INC

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person *

Martin Bruce K

(Last)

(City)

(First)

2071 STIERLIN COURT

(Street)

MOUNTAIN VIEW, CA 94043

(Middle)

Symbol

[GNOM]

Filed(Month/Day/Year)

3. Date of Earliest Transaction (Month/Day/Year)

04/11/2011

4. If Amendment, Date Original

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

Issuer

below)

Person

5. Amount of

Securities

Director

Applicable Line)

X_ Officer (give title

1. Title of 2. Transaction Date 2A. Deemed Security (Instr. 3)

(Month/Day/Year)

(State)

Execution Date, if

(Zip)

(Month/Day/Year)

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

(Instr. 3, 4 and 5)

Beneficially Owned Following

Reported (A) Transaction(s) (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.

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

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

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Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

(Check all applicable)

SVP, Product Development

6. Ownership

Form: Direct

(D) or Indirect Beneficial

6. Individual or Joint/Group Filing(Check

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

(T)

(Instr. 4)

10% Owner

Other (specify

7. Nature of

Ownership

(Instr. 4)

Indirect

Estimated average

burden hours per

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(Instr. 3)	Price of Derivative Security	((Month/Day/Year)	(Instr.	8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to buy)	\$ 11.13	04/11/2011		A			100,000	<u>(1)</u>	04/10/2021	Common Stock	100,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Martin Bruce K 2071 STIERLIN COURT MOUNTAIN VIEW, CA 94043

SVP, Product Development

Signatures

/s/ Maureen Monahan, Attorney in Fact for Bruce Martin

04/13/2011

**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).

The shares vest pursuant to the following schedule: The shares subject to the option vest in 48 successive, equal monthly installments (1) measured from April 11, 2011, subject to the Reporting Person's continued employment or service relationship with the issuer on each such vesting date.

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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