

Martin Bruce K
 Form 4/A
 February 14, 2012

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Martin Bruce K

2. Issuer Name and Ticker or Trading Symbol
 COMPLETE GENOMICS INC
 [GNOM]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 2071 STIERLIN COURT
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 02/14/2012

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 SVP, Product Development

MOUNTAIN VIEW, CA 94043
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)
 04/11/2011

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction 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 Ownership (Instr. 4)		
				(A) or (D)	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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SEC 1474
 (9-02)

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

1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative Securities	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)
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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>		<u>(2)</u>	04/10/2021	Common Stock	100,000

Reporting Owners

Reporting Owner Name / Address

Martin Bruce K
 2071 STIERLIN COURT
 MOUNTAIN VIEW, CA 94043

Relationships

Director 10% Owner Officer Other

SVP, Product Development

Signatures

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

02/14/2012

__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) Shares included in the "Disposed" column rather than the "Acquired" column on the original Form 4 filing dated April 11, 2011.

The shares vest pursuant to the following schedule: The shares subject to the option vest in 48 successive, equal monthly installments measured from April 11, 2011, subject to the Reporting Person's continued employment or service relationship with the issuer on each such vesting date. Such stock options include a change of control provision such that all unvested options 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.