

RAFFEL KEITH  
Form 3  
June 29, 2011

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 \*  
 RAFFEL KEITH  
 (Last) (First) (Middle)

2. Date of Event Requiring Statement  
 (Month/Day/Year)  
 06/27/2011

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

4. Relationship of Reporting Person(s) to Issuer

5. If Amendment, Date Original Filed(Month/Day/Year)

C/O COMPLETE GENOMICS, 2071 STIERLIN COURT

(Street)

MOUNTAIN VIEW, CA 94043

(City) (State) (Zip)

(Check all applicable)

Director  10% Owner  
 Officer  Other  
 (give title below) (specify below)  
 SVP & Chief Commercial Officer

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 Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

**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.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable Expiration Date	Title Amount or Number of			

				Shares		or Indirect	
						(I)	(Instr. 5)
Stock Option (Right to Buy)	06/27/2011 <sup>(2)</sup>	06/26/2021	Common Stock	100,000	\$ 15.2	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
RAFFEL KEITH C/O COMPLETE GENOMICS 2071 STIERLIN COURT MOUNTAIN VIEW, CA 94043	Â	Â	Â SVP & Chief Commercial Officer	Â

## Signatures

/s/ Maureen Monahan, Attorney in Fact for Keith Raffel  
06/29/2011

\_\_\_\_\_  
Signature of Reporting Person

\_\_\_\_\_  
Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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).  
Twenty-five percent (25%) of the Shares subject to the Option (rounded down to the next whole number of Shares) shall vest one year after the Vesting Commencement Date, and 1/48th of the Shares subject to the Option (rounded down to the next whole number of Shares) shall vest at each monthly anniversary of the Vesting Commencement Date, such that all of the Shares shall be vested on the forty-eighth (48th) anniversary of the Vesting Commencement 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.