

Scott Randal W
 Form 4
 December 14, 2009

FORM 4

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

OMB APPROVAL

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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, 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 *
 Scott Randal W

2. Issuer Name and Ticker or Trading Symbol
 GENOMIC HEALTH INC [GHDX]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 301 PENOBSCOT DRIVE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 12/10/2009

Director 10% Owner
 Officer (give title below) Other (specify below)
 Executive Chairman

REDWOOD CITY, CA 94403

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 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. 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock ⁽¹⁾	12/10/2009		S		\$ 20.2744 (2) (3)	D	
Common Stock ⁽¹⁾	12/11/2009		S		\$ 20.2154 (3) (4)	D	
Common Stock					12,298	I	Held by Morgan Stanley DW Inc. as Custodian for Randal

Common Stock	3,466	I	W. Scott, IRA. Held in trust for he benefit of Dr. Scott's children, of which Dr. Scott's sister is trustee.
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(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 (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction 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 (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repor Trans (Instr
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Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Scott Randal W 301 PENOBSCOT DRIVE REDWOOD CITY, CA 94403	X		Executive Chairman	

Signatures

G. Bradley Cole,
Attorney-in-Fact

12/14/2009

 **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) This sale of common stock was effected pursuant to a Rule 10b5-1 sales plan adopted by the reporting person on December 8, 2008.
- (2) Represents weighted average sale price. Actual sale prices ranged from \$20.06 to \$20.50.
- (3) Reporting person undertakes to provide upon request by the Securities and Exchange Commission, the issuer or a securityholder of the issuer detailed information regarding the price and number of shares sold within the range indicated.
- (4) Represents weighted average sale price. Actual sale prices ranged from \$20.00 to \$20.38.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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