Scott Randal W Form 4 February 17, 2012

OMB APPROVAL FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION OMB 3235-0287 Washington, D.C. 20549 Number: Check this box January 31, Expires: if no longer 2005 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to Estimated average **SECURITIES** Section 16. burden hours per Form 4 or response... 0.5 Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b). (Print or Type Responses) 1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Scott Randal W Issuer Symbol GENOMIC HEALTH INC [GHDX] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner X_ Officer (give title Other (specify 301 PENOBSCOT DRIVE 02/15/2012 below) **Executive Chairman** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting REDWOOD CITY, CA 94403 Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

(- 3)	1 able 1 - Non-Deriva						ivative 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)	Transaction Code (Instr. 8)		4. Securities Acor(A) or Disposed (Instr. 3, 4 and (A) or Amount (D)		d of (D)	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)				
Common Stock	02/15/2012		F		629	D	\$ 28.97	1,325,117 <u>(1)</u> <u>(2)</u>	D					
Common Stock								12,298	I	By Morgan Stanley DW Inc. as Custodian for Randal W. Scott, IRA				
Common Stock								3,466	I	Held in trust for the benefit of				

Dr.Scott's children, of which Dr. Scott's sister is trustee.

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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. Transactic Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Tit. Amou Under Secur (Instr	int of rlying	8. Price of Derivative Security (Instr. 5)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

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

Signatures

Dean L. Schorno, Attorney-in-fact 02/17/2012

**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)

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Includes 4,600 restricted stock units awarded February 5, 2012 which vest as to 1/3 of the shares on February 15, 2013, 1/3 of the shares on February 15, 2014 and 1/3 of the shares on February 15, 2015.

(2) Includes 4,500 restricted stock units awarded January 27, 2011, of which 1/3 vest on each of February 15, 2013 and 2014, and the 1/3 of the shares that vested on February 15, 2012, net of withholding.

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.