Shak Steven Form 4 September 24, 2009

OMB APPROVAL 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 Shak Steven Issuer Symbol GENOMIC HEALTH INC [GHDX] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner Other (specify X_ Officer (give title 301 PENOBSCOT DRIVE 09/22/2009 below) Chief Medical Officer (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 94063 Person (City) (State) (Zip)

(- 3)	()	Table 1 - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securi	ties A	cquired (A)	5. Amount of	6.	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	omr Dispo	sed of	(D)	Securities	Ownership	Indirect
(Instr. 3)		any	Code	(Instr. 3,	4 and	5)	Beneficially	Form:	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	Direct (D)	Ownership
							Following	or Indirect	(Instr. 4)
					(4)		Reported	(I)	
					(A)		Transaction(s)	(Instr. 4)	
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
						\$			
Common Stock (1)	09/22/2009		S	5,000	D	21.1339 (2) (3)	398,278	D	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transactio	5. orNumber	6. Date Exerc Expiration D		7. Title at Amount of		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(monda, Day, Teal)	(Month/Day/Year)	Code (Instr. 8)	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/	(Month/Day/Year)		ng	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	or Title Nu of	nount umber uares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Shak Steven

301 PENOBSCOT DRIVE Chief Medical Officer

REDWOOD CITY, CA 94063

Signatures

G. Bradley Cole, Attorney-in-fact

**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) These sales of common stock were effected persuant to a Rule 10b5-1 sales plan adopted by the reporting person on March 5, 2009.
- (2) Represents weighted average sale price. Actual sale prices ranged from \$21.00 to \$21.38.
- (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.

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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