GENOMIC HEALTH INC Form SC 13G/A February 14, 2011

SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 2)*

Genomic Health, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

37244C101

(CUSIP Number)

December 31, 2010

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- o Rule 13d-1(b)
- o Rule 13d-1(c)
- x Rule 13d-1(d)

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

^{*}The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

1.	Names of Reporting Persons				
	Versant Venture Capital I, L.F) .			
2.	Check the Appropriate Box if a Member of a Group (See Instructions)				
	(a)	O			
	(b)	x (1)			
3.	SEC Use Only				
4.	Citizenship or Place of Organi	zation			
	Delaware, United States of Ar	nerica			
	5.		Sole Voting Power		
			1,587,745 (2)		
Number of			1,387,743 (2)		
Shares	6.		Shared Voting Power		
Beneficially	0.		0		
Owned by			O		
Each	7.		Sole Dispositive Power		
Reporting	7.		•		
Person With:			1,587,745 (2)		
	8.		Chand Dianositiva Davian		
	0.		Shared Dispositive Power 0		
			U		
9.	Aggregate Amount Beneficial	ly Owned by Each Reporti	ng Person		
<i>)</i> .		ly Owned by Each Reporting	ng i cison		
	1,587,745 (2)				
10.	CL 1:Cd A	D (0) E 1.1 C	(; g) (g I (;)		
10.	Check if the Aggregate Amou	nt in Row (9) Excludes Cei	rtain Shares (See Instructions)		
11.	Percent of Class Represented	by Amount in Row 9			
11.	-	by Amount in Row 9			
	5.50% (3)				
12.	Type of Reporting Person (See	e Instructions)			
12.	PN	J Instructions)			
	111				

(1) This Schedule 13G is filed by Versant Venture Capital I, L.P. (VVC-I), Versant Side Fund I, L.P. (VSF-I), Versant Affiliates Fund I-A, L.P. (VAF-I-A), Versant Affiliates Fund I-B, L.P. (VAF-I-B), Versant Ventures I, LLC (VVI-LLC), Brian G. Atwood (BGA), Samuel D Colella (SDC), Ross A. Jaffe (RAJ), William J. Link (WJL), Donald B. Milder (DBM) Barbara N. Lubash (BNL) and Rebecca B. Robertson (RBR) (collectively, the Versant Entities). The Versant Entities expressly disclaim status as a group for purposes of this Schedule 13G.

- (2) VVI-LLC serves as the general partner of VVC- I and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, BNL and RBR are directors and/or members of VVI-LLC and share voting and dispositive power over the shares held by VVC-I. The information with respect to the ownership of the Common Stock of the Issuer by the persons filing this statement on Schedule 13G is provided as of December 31, 2010.
- (3) This percentage is calculated based upon 28,857,463 shares of the Issuer s common stock outstanding as of October 29, 2010 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commissions on November 9, 2010.

1.	Names of Reporting Po	ersons				
	Versant Side Fund I, L	P.				
2.	Check the Appropriate	Check the Appropriate Box if a Member of a Group (See Instructions)				
	(a)	0				
	(b)	x (1)				
3.	SEC Use Only					
4.	Citizenship or Place of	f Organization				
	Delaware, United State	es of America				
	5.		Sole Voting Power 30,947 (2)			
Number of			30,947 (2)			
Shares	6.		Chanal Wating Dance			
Beneficially	6.		Shared Voting Power			
Owned by			0			
-	7		0.1.5; ;; 5			
Each	7.		Sole Dispositive Power			
Reporting Person With:			30,947 (2)			
Person with:						
	8.		Shared Dispositive Power 0			
9.	Aggregate Amount Be	eneficially Owned by Eac	ch Reporting Person			
	30,947 (2)					
10.	Check if the Aggregate	e Amount in Row (9) Ex	cludes Certain Shares (See Instructions) o			
11	D (CI D	. 11 4	0			
11.	-	esented by Amount in Ro	ow 9			
	0.11% (3)					
12.	Type of Reporting Per	son (See Instructions)				
	PN					

⁽¹⁾ This Schedule 13G is filed by Versant Venture Capital I, L.P. (VVC-I), Versant Side Fund I, L.P. (VSF-I), Versant Affiliates Fund I-A, L.P. (VAF-I-A), Versant Affiliates Fund I-B, L.P. (VAF-I-B), Versant Ventures I, LLC (VVI-LLC), Brian G. Atwood (BGA), Samuel D Colella (SDC), Ross A. Jaffe (RAJ), William J. Link (WJL), Donald B. Milder (DBM) Barbara N. Lubash (BNL) and Rebecca B. Robertson (RBR) (collectively, the Versant Entities). The Versant Entities expressly disclaim status as a group for purposes of this Schedule 13G.

⁽²⁾ VVI-LLC serves as the general partner of VSF-I and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, BNL and RBR are directors and/or members of VVI-LLC and share voting and dispositive power over the shares held by VSF-I. The information with respect to the ownership of the Common Stock of the Issuer by the persons filing this statement on Schedule 13G is provided as of December 31, 2010.

⁽³⁾ This percentage is calculated based upon 28,857,463 shares of the Issuer s common stock outstanding as of October 29, 2010 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commissions on November 9, 2010.

1.	Names of Reporting Po	ersons				
	Versant Affiliates Fund	d I-A, L.P.				
2.	Check the Appropriate	Check the Appropriate Box if a Member of a Group (See Instructions)				
	(a)	0				
	(b)	x (1)				
3.	SEC Use Only					
4.	Citizenship or Place of	Organization				
	Delaware, United State	es of America				
	5.		Sole Voting Power			
			29,929 (2)			
Number of			29,929 (2)			
Shares	6.		Shared Voting Power			
Beneficially	0.		0			
Owned by			O			
Each	7.		Sole Dispositive Power			
Reporting	7.		-			
Person With:			29,929 (2)			
reison with.	0		Cl 1D; ;; D			
	8.		Shared Dispositive Power			
			0			
9.	Aggregate Amount Be	neficially Owned by Ea	ch Reporting Person			
	29,929 (2)	nericiany owned by East	on reporting reason			
	29,929 (2)					
10.	Check if the Aggregate	e Amount in Row (9) Ex	ccludes Certain Shares (See Instructions)			
11.	-	esented by Amount in Ro	ow 9			
	0.10% (3)					
12.	Type of Reporting Per	son (See Instructions)				
	PN					

⁽¹⁾ This Schedule 13G is filed by Versant Venture Capital I, L.P. (VVC-I), Versant Side Fund I, L.P. (VSF-I), Versant Affiliates Fund I-A, L.P. (VAF-I-A), Versant Affiliates Fund I-B, L.P. (VAF-I-B), Versant Ventures I, LLC (VVI-LLC), Brian G. Atwood (BGA), Samuel D Colella (SDC), Ross A. Jaffe (RAJ), William J. Link (WJL), Donald B. Milder (DBM) Barbara N. Lubash (BNL) and Rebecca B. Robertson (RBR) (collectively, the Versant Entities). The Versant Entities expressly disclaim status as a group for purposes of this Schedule 13G.

⁽²⁾ VVI-LLC serves as the general partner of VAF-I-A and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, BNL and RBR are directors and/or members of VVI-LLC and share voting and dispositive power over the shares held by VAF-I-A. The information with respect to the ownership of the Common Stock of the Issuer by the persons filing this statement on Schedule 13G is provided as of December 31, 2010.

⁽³⁾ This percentage is calculated based upon 28,857,463 shares of the Issuer s common stock outstanding as of October 29, 2010 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commissions on November 9, 2010.

1.	Names of Reporting Pe	ersons	
	Versant Affiliates Fund	1 I-B, L.P.	
2.	(a)	Box if a Member of a Grou	up (See Instructions)
	(b)	x (1)	
3.	SEC Use Only		
4.	Citizenship or Place of	Organization	
	Delaware, United State	-	
	5.		Sole Voting Power
			61,301 (2)
Number of			, , ,
Shares	6.		Shared Voting Power
Beneficially Owned by			0
Each	7.		Sole Dispositive Power
Reporting	7.		61,301 (2)
Person With:			01,301 (2)
	8.		Shared Dispositive Power 0
9.	Aggregate Amount Re	neficially Owned by Each I	Reporting Person
<i>7.</i>	61,301 (2)	menerally owned by Each I	responding Person
10.	Check if the Aggregate	Amount in Row (9) Exclu	des Certain Shares (See Instructions)
11.	Percent of Class Repre	sented by Amount in Row	9
11.	0.21% (3)	senies of rimount in Row	
	5. 2 1 /8 (0)		
12.	Type of Reporting Pers PN	son (See Instructions)	

⁽¹⁾ This Schedule 13G is filed by Versant Venture Capital I, L.P. (VVC-I), Versant Side Fund I, L.P. (VSF-I), Versant Affiliates Fund I-A, L.P. (VAF-I-A), Versant Affiliates Fund I-B, L.P. (VAF-I-B), Versant Ventures I, LLC (VVI-LLC), Brian G. Atwood (BGA), Samuel D Colella (SDC), Ross A. Jaffe (RAJ), William J. Link (WJL), Donald B. Milder (DBM) Barbara N. Lubash (BNL) and Rebecca B. Robertson (RBR) (collectively, the Versant Entities). The Versant Entities expressly disclaim status as a group for purposes of this Schedule 13G.

⁽²⁾ VVI-LLC serves as the general partner of VAF-I-B and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, BNL and RBR are directors and/or members of VVI-LLC and share voting and dispositive power over the shares held by VAF-I-B. The information with respect to the ownership of the Common Stock of the Issuer by the persons filing this statement on Schedule 13G is provided as of December 31, 2010.

⁽³⁾ This percentage is calculated based upon 28,857,463 shares of the Issuer s common stock outstanding as of October 29, 2010 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commissions on November 9, 2010.

1.	Names of Reporting Persons				
	Versant Ventures I, LLC				
2.		Box if a Member of a C	Group (See Instructions)		
	(a)	0			
	(b)	x (1)			
3.	SEC Use Only				
4.	Citizenship or Place of	Organization			
	Delaware, United States	s of America			
	5.		Sole Voting Power		
			0		
Number of			U		
	6.		Shared Voting Power		
Shares	0.		_		
Beneficially			1,709,922 (2)		
Owned by Each	_		0.1.51		
	7.		Sole Dispositive Power		
Reporting Person With:			0		
r erson with.	_				
	8.		Shared Dispositive Power		
			1,709,922 (2)		
9.	Aggregate Amount Ben	neficially Owned by Eac	ch Reporting Person		
	1,709,922 (2)				
	1,705,522 (2)				
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o				
11.	Percent of Class Repres	sented by Amount in Ro	ow 9		
	5.93% (3)				
12.	Type of Reporting Pers	on (See Instructions)			
12.	OO	on (See manuchons)			
	50				

⁽¹⁾ This Schedule 13G is filed by Versant Venture Capital I, L.P. (VVC-I), Versant Side Fund I, L.P. (VSF-I), Versant Affiliates Fund I-A, L.P. (VAF-I-A), Versant Affiliates Fund I-B, L.P. (VAF-I-B), Versant Ventures I, LLC (VVI-LLC), Brian G. Atwood (BGA), Samuel D Colella (SDC), Ross A. Jaffe (RAJ), William J. Link (WJL), Donald B. Milder (DBM) Barbara N. Lubash (BNL) and Rebecca B. Robertson (RBR) (collectively, the Versant Entities). The Versant Entities expressly disclaim status as a group for purposes of this Schedule 13G.

⁽²⁾ Includes: (i) 1,587,745 shares held by VVC-I; (ii) 30,947 shares held by VSF-I; (iii) 29,929 shares held by VAF-I-A; and (iv) 61,301 shares held by VAF-I-B. VVI-LLC serves as the general partner of VVC-I, VSF-I, VAF-I-A, and VAF-I-B and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, BNL and RBR are directors and/or members of VVI-LLC and share voting and dispositive power over the shares held by VVC-I, VSF-I, VAF-I-A and VAF-I-B. The information with respect to the ownership of the Common Stock of the Issuer by the persons filing this statement on Schedule 13G is provided as of December 31, 2010.

⁽³⁾ This percentage is calculated based upon 28,857,463 shares of the Issuer s common stock outstanding as of October 29, 2010 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commissions on November 9, 2010.

1.	Names of Reporting Persons			
	BRIAN G. ATWOOD			
2.	Check the Appropriate Bo (a) (b)	ox if a Member of a Group (S o x (1)	ee Instructions)	
3.	SEC Use Only			
4.	Citizenship or Place of Or United States of America	ganization		
	5.		Sole Voting Power 15,836 (2)	
Number of Shares Beneficially Owned by	6.		Shared Voting Power 1,709,922 (3)	
Each Reporting Person With:	7.	7.		
	8.		Shared Dispositive Power 1,709,922 (3)	
9.	Aggregate Amount Benefi 1,725,758 (2) (3)	icially Owned by Each Report	rting Person	
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o			
11.	Percent of Class Represent 5.98% (4)	ted by Amount in Row 9		
12.	Type of Reporting Person IN	(See Instructions)		

⁽¹⁾ This Schedule 13G is filed by Versant Venture Capital I, L.P. (VVC-I), Versant Side Fund I, L.P. (VSF-I), Versant Affiliates Fund I-A, L.P. (VAF-I-A), Versant Affiliates Fund I-B, L.P. (VAF-I-B), Versant Ventures I, LLC (VVI-LLC), Brian G. Atwood (BGA), Samuel D Colella (SDC), Ross A. Jaffe (RAJ), William J. Link (WJL), Donald B. Milder (DBM) Barbara N. Lubash (BNL) and Rebecca B. Robertson (RBR) (collectively, the Versant Entities). The Versant Entities expressly disclaim status as a group for purposes of this Schedule 13G.

⁽²⁾ Includes 15,836 shares held by Atwood-Edminster Trust dtd 4/2/2000 for the benefit of BGA.

⁽³⁾ Includes: (i) 1,587,745 shares held by VVC-I; (ii) 30,947 shares held by VSF-1; (iii) 29,929 shares held by VAF-I-A; and (iv) 61,301 shares held by VAF-I-B. VVI-LLC serves as the general partner of VVC-I, VSF-I, VAF-I-A, and VAF-I-B and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, BNL and RBR are directors and/or members of VVI-LLC and share voting and dispositive power over the shares held by VVC-I, VSF-I, VAF-I-A and VAF-I-B. The information with respect to the ownership of the Common Stock of the Issuer by the persons filing this statement on Schedule 13G is provided as of December 31, 2010.

⁽⁴⁾ This percentage is calculated based upon 28,857,463 shares of the Issuer s common stock outstanding as of October 29, 2010 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commissions on November 9, 2010.

 Names of Reporting Persons SAMUEL D. COLELLA

2. Check the Appropriate Box if a Member of a Group (See Instructions)

a)

(b) x (1)

3. SEC Use Only

4. Citizenship or Place of Organization

United States of America

5. Sole Voting Power 53,922 (2) Number of 6. Shared Voting Power Shares Beneficially 1,709,922 (3) Owned by Each 7. Sole Dispositive Power Reporting 53,922 (2) Person With:

8. Shared Dispositive Power

1,709,922 (3)

9. Aggregate Amount Beneficially Owned by Each Reporting Person 1,763,844 (2)(3)

- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o
- 11. Percent of Class Represented by Amount in Row 9 6.11% (4)
- 12. Type of Reporting Person (See Instructions) IN

⁽¹⁾ This Schedule 13G is filed by Versant Venture Capital I, L.P. (VVC-I), Versant Side Fund I, L.P. (VSF-I), Versant Affiliates Fund I-A, L.P. (VAF-I-A), Versant Affiliates Fund I-B, L.P. (VAF-I-B), Versant Ventures I, LLC (VVI-LLC), Brian G. Atwood (BGA), Samuel D Colella (SDC), Ross A. Jaffe (RAJ), William J. Link (WJL), Donald B. Milder (DBM) Barbara N. Lubash (BNL) and Rebecca B. Robertson (RBR) (collectively, the Versant Entities). The Versant Entities expressly disclaim status as a group for purposes of this Schedule 13G.

⁽²⁾ Includes: (i) options to acquire 41,250 shares of Common Stock held directly by SDC for the benefit of VVI-LLC; (ii) 4,224 shares held by Colella Family Partners for the benefit of SDC; and (iii) 8,448 shares held by Colella Family Trust UTA dtd 9/21/92 for the benefit of SDC.

⁽³⁾ Includes: (i) 1,587,745 shares held by VVC-I; (ii) 30,947 shares held by VSF-1; (iii) 29,929 shares held by VAF-I-A; (iv) 61,301 shares held by VAF-I-B; and (v) options to acquire 41,250 shares of Common Stock held directly by SDC for the benefit of VVI-LLC. VVI-LLC serves as the general partner of VVC- I, VSF-I, VAF-I-A, and VAF-I-B and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, BNL and RBR are directors and/or members of VVI-LLC and share voting and dispositive power over the shares held by VVC- I, VSF-I, VAF-I-A and VAF-I-B. The information with respect to the ownership of the Common Stock of the Issuer by the persons filing this statement on Schedule 13G is provided as of December 31, 2010.

⁽⁴⁾ This percentage is calculated based upon 28,857,463 shares of the Issuer s common stock outstanding as of October 29, 2010 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commissions on November 9, 2010.

1.		Names of Reporting Persons				
		ROSS A. JAFFE, M.D.				
2.		Check the Appropriate Box if a Member of a Group (See Instructions)				
		(a)	O			
		(b)	x (1)			
3.		SEC Use Only				
4.		Citizenship or Place of Organiz	zation			
		United States of America				
		5.		Sole Voting Power		
				-		
Number of				15,836 (2)		
Shares		6.		Shared Voting Power		
Beneficially				1,709,922 (3)		
Owned by				1,705,522 (3)		
Each		7.		Sole Dispositive Power		
Reporting				15,836 (2)		
Person With:				15,830 (2)		
		8.		Shared Dispositive Power		
		.		-		
				1,709,922 (3)		
9.	9. Aggregate Amount Beneficially Owned by Each Reporting Person					
		1,725,758 (2)(3)				
		1,723,730 (2)(3)				
10).	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o				
11		Percent of Class Represented b	y Amount in Row 9			
		5.98% (4)				
12		Type of Reporting Person (See	Instructions)			
		IN	,			

⁽¹⁾ This Schedule 13G is filed by Versant Venture Capital I, L.P. (VVC-I), Versant Side Fund I, L.P. (VSF-I), Versant Affiliates Fund I-A, L.P. (VAF-I-A), Versant Affiliates Fund I-B, L.P. (VAF-I-B), Versant Ventures I, LLC (VVI-LLC), Brian G. Atwood (BGA), Samuel D Colella (SDC), Ross A. Jaffe (RAJ), William J. Link (WJL), Donald B. Milder (DBM) Barbara N. Lubash (BNL) and Rebecca B. Robertson (RBR) (collectively, the Versant Entities). The Versant Entities expressly disclaim status as a group for purposes of this Schedule 13G.

⁽²⁾ Includes 15,836 shares held by Jaffe Family Trust dtd 7/9/91 for the benefit of RAJ.

⁽³⁾ Includes: (i) 1,587,745 shares held by VVC-I; (ii) 30,947 shares held by VSF-1; (iii) 29,929 shares held by VAF-I-A; and (iv) 61,301 shares held by VAF-I-B. VVI-LLC serves as the general partner of VVC-I, VSF-I, VAF-I-A, and VAF-I-B and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, BNL and RBR are directors and/or members of VVI-LLC and share voting and dispositive power over the shares held by VVC-I, VSF-I, VAF-I-A and VAF-I-B. The information with respect to the ownership of the Common Stock of the Issuer by the persons filing this statement on Schedule 13G is provided as of December 31, 2010.

⁽⁴⁾ This percentage is calculated based upon 28,857,463 shares of the Issuer s common stock outstanding as of October 29, 2010 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commissions on November 9, 2010.

1.	Names of Reporting Persons	Names of Reporting Persons				
	WILLIAM J. LINK, Ph.D.	WILLIAM J. LINK, Ph.D.				
2.	Check the Appropriate Box is	Check the Appropriate Box if a Member of a Group (See Instructions)				
	(a)	0				
	(b)	x (1)				
3.	SEC Use Only					
4.	Citizenship or Place of Orga	nization				
	United States of America					
	5.	Sole Voting Power				
		_				
Number of		15,836 (2)				
Shares	6.	Shared Voting Power				
Beneficially		1,709,922 (3)				
Owned by						
Each	7.	Sole Dispositive Power				
Reporting	, ·					
Person With:		15,836 (2)				
	8.	Shared Dispositive Power				
	0.	-				
		1,709,922 (3)				
9.	Aggregate Amount Beneficia	ally Owned by Each Reporting Person				
	1,725,758 (2)(3)					
	1,720,700 (2)(0)					
10.	Check if the Aggregate Amo	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o				
11.	Percent of Class Represented	l by Amount in Row 9				
	5.98% (4)					
12.	Type of Reporting Person (S	ee Instructions)				
	IN					

⁽¹⁾ This Schedule 13G is filed by Versant Venture Capital I, L.P. (VVC-I), Versant Side Fund I, L.P. (VSF-I), Versant Affiliates Fund I-A, L.P. (VAF-I-A), Versant Affiliates Fund I-B, L.P. (VAF-I-B), Versant Ventures I, LLC (VVI-LLC), Brian G. Atwood (BGA), Samuel D Colella (SDC), Ross A. Jaffe (RAJ), William J. Link (WJL), Donald B. Milder (DBM) Barbara N. Lubash (BNL) and Rebecca B. Robertson (RBR) (collectively, the Versant Entities). The Versant Entities expressly disclaim status as a group for purposes of this Schedule 13G.

⁽²⁾ Includes 15,836 shares held by Link Family Trust, dated May 19, 2005 for the benefit of WJL.

⁽³⁾ Includes: (i) 1,587,745 shares held by VVC-I; (ii) 30,947 shares held by VSF-1; (iii) 29,929 shares held by VAF-I-A; and (iv) 61,301 shares held by VAF-I-B. VVI-LLC serves as the general partner of VVC-I, VSF-I, VAF-I-A, and VAF-I-B and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, BNL and RBR are directors and/or members of VVI-LLC and share voting and dispositive power over the shares held by VVC-I, VSF-I, VAF-I-A and VAF-I-B. The information with respect to the ownership of the Common Stock of the Issuer by the persons filing this statement on Schedule 13G is provided as of December 31, 2010.

⁽⁴⁾ This percentage is calculated based upon 28,857,463 shares of the Issuer s common stock outstanding as of October 29, 2010 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commissions on November 9, 2010.

1. Names of Reporting Persons DONALD B. MILDER

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(b) x(1)

3. SEC Use Only

4. Citizenship or Place of Organization

United States of America

5. Sole Voting Power 15,835 (2) Number of 6. Shared Voting Power Shares Beneficially 1,709,922 (3) Owned by Each 7. Sole Dispositive Power Reporting 15,835 (2) Person With:

Shared Dispositive Power

1,709,922 (3)

- 9. Aggregate Amount Beneficially Owned by Each Reporting Person 1,725,757 (2)(3)
- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o
- 11. Percent of Class Represented by Amount in Row 9 5.98% (4)
- 12. Type of Reporting Person (See Instructions) IN

8.

⁽¹⁾ This Schedule 13G is filed by Versant Venture Capital I, L.P. (VVC-I), Versant Side Fund I, L.P. (VSF-I), Versant Affiliates Fund I-A, L.P. (VAF-I-A), Versant Affiliates Fund I-B, L.P. (VAF-I-B), Versant Ventures I, LLC (VVI-LLC), Brian G. Atwood (BGA), Samuel D Colella (SDC), Ross A. Jaffe (RAJ), William J. Link (WJL), Donald B. Milder (DBM) Barbara N. Lubash (BNL) and Rebecca B. Robertson (RBR) (collectively, the Versant Entities). The Versant Entities expressly disclaim status as a group for purposes of this Schedule 13G.

⁽²⁾ Includes: (i) 12,957 shares held by Milder Community Property Trust dtd 11/7/91 for the benefit of DBM; (ii) 1,439 shares held by Emily Beth Milder Trust dtd 12/7/98 for the benefit of DBM; and (iii) 1,439 shares held by Zachary David Milder Trust dtd 12/7/98 for the benefit of DBM.

Includes: (i) 1,587,745 shares held by VVC-I; (ii) 30,947 shares held by VSF-1; (iii) 29,929 shares held by VAF-I-A; and (iv) 61,301 shares held by VAF-I-B. VVI-LLC serves as the general partner of VVC-I, VSF-I, VAF-I-A, and VAF-I-B and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, BNL and RBR are directors and/or members of VVI-LLC and share voting and dispositive power over the shares held by VVC- I, VSF-I, VAF-I-A and VAF-I-B. The information with respect to the ownership of the Common Stock of the Issuer by the persons filing this statement on Schedule 13G is provided as of December 31, 2010.

This percentage is calculated based upon 28,857,463 shares of the Issuer s common stock outstanding as of October 29, 2010 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commissions on November 9, 2010.

1. Names of Reporting Persons REBECCA B. ROBERTSON 2. Check the Appropriate Box if a Member of a Group (See Instructions) (b) x(1)3. SEC Use Only 4. Citizenship or Place of Organization United States of America 5. Sole Voting Power 15,836 (2) Number of 6. Shared Voting Power Shares Beneficially 1,709,922 (3) Owned by Each 7. Sole Dispositive Power Reporting 15,836 (2) Person With: 8. Shared Dispositive Power 1,709,922 (3) 9. Aggregate Amount Beneficially Owned by Each Reporting Person 1,725,758 (2)(3) 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o 11. Percent of Class Represented by Amount in Row 9 5.98% (4) 12. Type of Reporting Person (See Instructions)

IN

⁽¹⁾ This Schedule 13G is filed by Versant Venture Capital I, L.P. (VVC-I), Versant Side Fund I, L.P. (VSF-I), Versant Affiliates Fund I-A, L.P. (VAF-I-A), Versant Affiliates Fund I-B, L.P. (VAF-I-B), Versant Ventures I, LLC (VVI-LLC), Brian G. Atwood (BGA), Samuel D Colella (SDC), Ross A. Jaffe (RAJ), William J. Link (WJL), Donald B. Milder (DBM) Barbara N. Lubash (BNL) and Rebecca B. Robertson (RBR) (collectively, the Versant Entities). The Versant Entities expressly disclaim status as a group for purposes of this Schedule 13G.

⁽²⁾ Includes 15,836 shares held by Robertson Family Trust u/d/t 5/7/98 for the benefit of RBR.

⁽³⁾ Includes: (i) 1,587,745 shares held by VVC-I; (ii) 30,947 shares held by VSF-1; (iii) 29,929 shares held by VAF-I-A; and (iv) 61,301 shares held by VAF-I-B. VVI-LLC serves as the general partner of VVC-I, VSF-I, VAF-I-A, and VAF-I-B and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, BNL and RBR are directors and/or members of VVI-LLC and share voting and dispositive power over the shares held by VVC-I, VSF-I, VAF-I-A and VAF-I-B. The information with respect to the ownership of the Common Stock of the Issuer by the persons filing this statement on Schedule 13G is provided as of December 31, 2010.

⁽⁴⁾ This percentage is calculated based upon 28,857,463 shares of the Issuer s common stock outstanding as of October 29, 2010 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commissions on November 9, 2010.

2. Check the Appropriate Box if a Member of a Group (See Instructions) (b) x(1)3. SEC Use Only 4. Citizenship or Place of Organization United States of America 5. Sole Voting Power 7,922 (2) Number of 6. Shared Voting Power Shares Beneficially 1,709,922 (3) Owned by

- 9. Aggregate Amount Beneficially Owned by Each Reporting Person 1,717,844 (2)(3)
- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o
- 11. Percent of Class Represented by Amount in Row 9 5.95% (3)
- 12. Type of Reporting Person (See Instructions) IN

7.

8.

Names of Reporting Persons BARBARA N. LUBASH

1.

Each

Reporting

Person With:

Sole Dispositive Power

Shared Dispositive Power

7,922 (2)

1,709,922 (3)

⁽¹⁾ This Schedule 13G is filed by Versant Venture Capital I, L.P. (VVC-I), Versant Side Fund I, L.P. (VSF-I), Versant Affiliates Fund I-A, L.P. (VAF-I-A), Versant Affiliates Fund I-B, L.P. (VAF-I-B), Versant Ventures I, LLC (VVI-LLC), Brian G. Atwood (BGA), Samuel D Colella (SDC), Ross A. Jaffe (RAJ), William J. Link (WJL), Donald B. Milder (DBM) Barbara N. Lubash (BNL) and Rebecca B. Robertson (RBR) (collectively, the Versant Entities). The Versant Entities expressly disclaim status as a group for purposes of this Schedule 13G.

⁽²⁾ Includes: (i) 6,482 shares held by Lubash-Moses LLC for the benefit of BNL; and (ii) 1,440 shares held by Evan M. Moses Trust dtd 12/20/99 for the benefit of BNL.

⁽³⁾ Includes: (i) 1,587,745 shares held by VVC-I; (ii) 30,947 shares held by VSF-1; (iii) 29,929 shares held by VAF-I-A; and (iv) 61,301 shares held by VAF-I-B. VVI-LLC serves as the general partner of VVC-I, VSF-I, VAF-I-A, and VAF-I-B and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, BNL and RBR are directors and/or members of VVI-LLC and share voting and dispositive power over the shares held by VVC-I, VSF-I, VAF-I-A and VAF-I-B. The information with respect to the ownership of the Common Stock of the Issuer by the persons filing this statement on Schedule 13G is provided as of December 31, 2010.

⁽⁴⁾ This percentage is calculated based upon 28,857,463 shares of the Issuer s common stock outstanding as of October 29, 2010 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commissions on November 9, 2010.

Item 1(a). Name of Issuer: GENOMIC HEALTH, INC. Item 1(b). Address of Issuer s Principal Executive Offices 301 Penobscot Drive Redwood City, CA 94063 Item 2(a). Name of Person Filing: Versant Venture Capital I, L.P. (VVC-I) Versant Side Fund I, L.P. (VSF-I) Versant Affiliates Fund I-A, L.P. (VAF-I-A) Versant Affiliates Fund I-B, L.P. (VAF-I-B) Versant Ventures I, LLC (VVI-LLC) Brian G. Atwood (BGA) Samuel D. Colella (SDC) Ross A. Jaffe (RAJ) William J. Link (WJL) Donald B. Milder (DBM) Rebecca B. Robertson (RBR) Barbara N. Lubash (BNL) Item 2(b). Address of Principal Business Office or, if none, Residence: Versant Ventures 3000 Sand Hill Road, #4-210 Menlo Park, CA 94025 Item 2(c). Citizenship: **Entities:** VVC-I Delaware, United States of America VSF-1 Delaware, United States of America VAF-1-A Delaware, United States of America VAF-1-B Delaware, United States of America

VVI-LLC

Delaware, United States of America

Individuals: BGA - United States of America

SDC - United States of America
RAJ - United States of America
WJL - United States of America
DBM - United States of America
BNL - United States of America
RBR - United States of America

Item 2(d). Title of Class of Securities:

Common Stock

Item 2(e). CUSIP Number:

37244C101

Item 3. If this statement is filed pursuant to §§240.13d-1(b), or 240.13d-2(b) or (c), check whether the person filing is a:

Not Applicable

14

Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

Versant Entities	Shares Held Directly	Sole Voting Power	Shared Voting Power	Sole Dispositive Power	Shared Dispositive Power	Beneficial Ownership	Percentage of Class (2)
VVC-1	1,587,745	1,587,745	0	1,587,745	0	1,587,745	5.50%
VSF-1	30,947	30,947	0	30,947	0	30,947	0.11%
VAF-I-A	29,929	29,929	0	29,929	0	29,929	0.10%
VAF-I-B	61,301	61,301	0	61,301	0	61,301	0.21%
VVI-LLC	0	0	1,709,922	0	1,709,922	1,709,922	5.93%
BGA	15,836	15,836	1,709,922	15,836	1,709,922	1,725,758	5.98%
SDC	53,922	53,922	1,709,922	53,922	1,709,922	1,763,844	6.11%
RAJ	15,836	15,836	1,709,922	15,836	1,709,922	1,725,758	5.98%
WJL	15,836	15,836	1,709,922	15,836	1,709,922	1,725,758	5.98%
DBM	15,835	15,835	1,709,922	15,835	1,709,922	1,725,757	5.98%
BNL	7,922	7,922	1,709,922	7,922	1,709,922	1,717,844	5.95%
RBR	15,836	15,836	1,709,922	15,836	1,709,922	1,725,758	5.98%

⁽¹⁾ VVI-LLC serves as the general partner of VVC-I, VSF-I, VAF-I-A, and VAF-I-B and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, BNL and RBR are directors and/or members of VVI-LLC. None of BGA, SDC, RAJ, WJL, DBM, BNL and RBR owns no securities of the Issuer directly except as otherwise set forth above.

Item 5. Ownership of 5 Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than 5 percent of the class of securities, check the following o.

Item 6. Ownership of More than 5 Percent on Behalf of Another Person

Not applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person.

Not applicable

⁽²⁾ This percentage is calculated based upon 28,857,463 shares of the Issuer s common stock outstanding as of October 29, 2010 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commissions on November 9, 2010.

Item 8. Identification and Classification of Members of the Group

Not applicable

Item 9. Notice of Dissolution of a Group

Not applicable

15

Item 10. Certification

Not applicable

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 14, 2011

Versant Affiliates Fund I-A, L.P.

By: Versant Ventures I, LLC
Its: General Partner

By: /s/ Robin L. Praeger

Authorized Representative

Versant Affiliates Fund I-B, L.P.

By: Versant Ventures I, LLC

Its: General Partner

By: /s/ Robin L. Praeger

Authorized Representative

Versant Side Fund I, L.P.

By: Versant Ventures I, LLC

Its: General Partner

By: /s/ Robin L. Praeger

Authorized Representative

Versant Venture Capital I, L.P.

By: Versant Ventures I, LLC

Its: General Partner

By: /s/ Robin L. Praeger

Authorized Representative

Versant Ventures I, LLC

By: /s/ Robin L. Praeger

Authorized Representative

/s/ Robin L. Praeger as attorney in fact

Brian G. Atwood

/s/ Robin L. Praeger as attorney in fact

Samuel D. Colella

/s/ Robin L. Praeger as attorney in fact

Ross A. Jaffe

/s/ Robin L. Praeger as attorney in fact

William J. Link

/s/ Robin L. Praeger as attorney in fact

Donald B. Milder

/s/ Robin L. Praeger as attorney in fact

Rebecca B. Robertson

/s/ Robin L. Praeger as attorney in fact

Barbara N. Lubash

16

EXHIBIT A

JOINT FILING STATEMENT

We, the undersigned, hereby express our agreement that the attached Schedule 13G (or any amendments thereto) related to the Common Stock of Genomic Health. Inc. is filed on behalf of each of us.

Dated: February 14, 2011

Versant Affiliates Fund I-A, L.P.

By: Versant Ventures I, LLC

Its: General Partner

By: /s/ Robin L. Praeger

Authorized Representative

Versant Affiliates Fund I-B, L.P.

By: Versant Ventures I, LLC

Its: General Partner

By: /s/ Robin L. Praeger

Authorized Representative

Versant Side Fund I, L.P.

By: Versant Ventures I, LLC

Its: General Partner

By: /s/ Robin L. Praeger

Authorized Representative

Versant Venture Capital I, L.P.

By: Versant Ventures I, LLC

Its: General Partner

By: /s/ Robin L. Praeger

Authorized Representative

Versant Ventures I, LLC

By: /s/ Robin L. Praeger

Authorized Representative

/s/ Robin L. Praeger as attorney in fact

Brian G. Atwood

/s/ Robin L. Praeger as attorney in fact

Samuel D. Colella

/s/ Robin L. Praeger as attorney in fact

Ross A. Jaffe

/s/ Robin L. Praeger as attorney in fact

William J. Link

/s/ Robin L. Praeger as attorney in fact **Donald B. Milder**

/s/ Robin L. Praeger as attorney in fact **Rebecca B. Robertson**

/s/ Robin L. Praeger as attorney in fact

Barbara N. Lubash