

**Table S3. Characteristics of cascade screening participants**

ID <sup>1</sup>	Relation to index	Age	Sex	Children	Ca.dx. and age at dx.	Fam.hx. of ca.	LP or KP
1.2	brother	29	M	0	no	high	yes
1.1	pat.aunt	64	F	3	cervical ca., 40y	high	no
1.3	sister	36	F	0	no	high	no
2.1	mother	76	F	1	BC, 49y	moderate	yes
2.2	son	19	M	0	no	moderate	yes
4.2	daughter	29	F	0	no	moderate	yes
4.1	half-sister	43	F	0	no	moderate	no
5.2	sister	38	F	3	no	high	yes
5.1	mat.uncle	60	M	3	no	high	no
5.3	daughter	21	F	0	no	high	no
5.4	brother	28	M	0	no	high	no
7.3	son	32	M	0	no	low	yes
7.4	son	34	M	1	no	low	yes
7.1	nephew (brother's)	31	M	0	no	low	no
7.2	brother	63	M	2	no	low	no
7.5	niece (brother's)	38	F	2	Melanoma, 30y	low	no
9.1	niece (brother's)	45	F	3	no	moderate	no
9.2	nephew (brother's)	54	M	0	no	moderate	no
9.3	nephew (brother's)	50	M	3	no	moderate	no
10.1	mother	58	F	3	BC, 39y	high	yes
12.1	daughter	21	F	0	no	high	Yes
17.2	daughter	34	F	2	no	moderate	yes
17.1	son	33	M	2	no	moderate	no
17.3	son	30	M	0	no	moderate	no
17.4	half-sister	56	F	0	no	moderate	no
20.1	brother	44	M	2	no	low	no

BC, breast cancer; LP, likely pathogenic; KP, known pathogenic.

<sup>1</sup>The first digit is the ID number of the index individual and the second digit is the number of the relative who underwent cascade screening.