

Supplementary Table 1. *BRCA1* and *BRCA2* mutation carriers divided by study and genotyping method

Study	Country	No. of mutation carriers			Method of genotyping
		<i>BRCA1</i>	<i>BRCA2</i>	Total	
Breast Cancer Family Registry (BCFR)	USA, Canada, Australia	498	357	855	Taqman
Baltic Familial Breast and Ovarian Cancer Consortium (BFBOCC)	Latvia, Lithuania	94	0	94	Taqman
Copenhagen Breast Cancer Study (CBCS)	Denmark	191	97	288	Taqman
Spanish National Cancer Centre (CNIO)	Spain, Greece	196	245	441	Taqman
CONsorzio Studi ITaliani sui Tumori Ereditari Alla Mammella (CONSIT TEAM)	Italy	732	463	1,195	Taqman
Deutsches Krebsforschungszentrum (DKFZ)	Germany	69	27	96	Taqman
HEreditary Breast and Ovarian study Netherlands (DNA HEBON)	The Netherlands	773	287	1,060	iPLEX
Epidemiological study of <i>BRCA1</i> and <i>BRCA2</i> mutation carriers (EMBRACE)	UK and EIRE	985	828	1,813	iPLEX
Fox Chase Cancer Center (FCCC)	USA	80	53	133	iPLEX
German Consortium of Hereditary Breast and Ovarian Cancer (GC-HBOC)	Germany	747	373	1,120	Taqman
Genetic Modifiers of cancer risk in <i>BRCA1/2</i> mutation carriers (GEMO)	France, USA	1,104	563	1,667	Taqman
Hospital Clinico San Carlos (HCSC)	Spain	122	108	230	Taqman
Helsinki Breast Cancer Study (HEBCS)	Finland	97	100	197	iPLEX
Institut Català d'Oncologia (ICO)	Spain	110	120	230	Taqman
International Hereditary Cancer Centre (IHCC)	Poland	781	0	781	Taqman
Iceland Landspítali - University Hospital (ILUH)	Iceland	0	127	127	iPLEX
Interdisciplinary Health Research International Team Breast Cancer Susceptibility (INHERIT)	Quebec, Canada	73	82	155	Taqman
Istituto Oncologico Veneto Hereditary Breast and Ovarian Cancer Study (IOVHBOCS)	Italy	119	111	230	Taqman
Kathleen Cuningham Foundation Consortium for Research into Familial Breast Cancer (KCONFAB)	Australia	572	467	1,039	iPLEX
Mayo Clinic (MAYO)	USA	223	122	345	iPLEX
Memorial Sloane Kettering Cancer Center (MSKCC)	USA	290	235	525	Taqman
National Cancer Institute (NCI)	USA	159	74	233	Taqman
N.N. Petrov Institute of Oncology (NNPIO)	Russia	86	0	86	Taqman
Ontario Cancer Genetics Network (OCGN)	Canada	218	169	387	Taqman
Odense University Hospital (OUH)	Denmark	265	194	459	Taqman
Pisa Breast Cancer Study (PBCS)	Italy	86	56	142	iPLEX
Swedish Breast Cancer Study (SWE-BRCA)	Sweden	499	171	670	iPLEX
University of California Irvine (UCI)	USA	168	120	288	Taqman

University of California San Francisco (UCSF)	USA	46	29	75	Taqman
UK and Gilda Radner Familial Ovarian Cancer Registries (UKGRFOCR)	UK, USA	169	35	204	Taqman
University of Pennsylvania (UPENN)	USA	307	148	455	iPLEX
Women's Cancer Research Institute (WCRI)	USA	170	76	246	Taqman
Total		10,029	5,837	15,866	
