	Screening method		HGVS_c	Cancer type	Age at diagnosis	s Histology	Cancer classification	No of breast	No of ovaria	
Cohort		Gene						cancers in the		s Family history
OL	NGS	BRCA1	NM_007294.3:c.1612_1616del	ovarian	48	serous	Familial	family 1	family	breast cancer in niece dx at 36 died at 41
	NGS	BRCA1	NM_007294.3:c.374dup	ovarian	49	serous	Hereditary	<u> </u>	3	ovarian cancer in mother dx at 37 died at 40, ovarian cancer in grandmother and her sister (maternal side), ovarian cancer in aunt's daughter dx at 47
			NM_007294.3:c.5251C>T	breast	47	ductal	Hereditary	1		breast cancer in mother dx at 50 died at 52; stomach cancer in mother's brother died at 50; cancer stomach in father's sister died at 30; larynx cancer in father's brother died at 70; stomach cancer in father's niece died
	NGS		NM_007294.3:c.5266dup	ovarian	56	adenocarcinoma	Sporadic			colorectal cancer in father's brother, stomach cancer in second father's brother, lang cancer in son, uterine cancer and melanoma in mother dx at 72 died 78, stomach cancer in grandmother (mother side) died at 56
	NGS NGS	BRCA1	NM_007294.3:c.5346G>A NM_007294.3:c.843_846del	breast	58 42	medullary	Hereditary Familial	1	1	breast cancer in mother dx at 41; ovarian cancer in mother's sister died at 50; stomach cancer in mother's brother died at 50; colorectal cancer in second mother's brother; breast and ovarian cancers in sister dx at 40 di
			NM_007294.3:c.181T>G	ovarian bilateral	38	endometroid	Hereditary			Juean carrier in sarcer
	PCR		NM_007294.3:c.181T>G	ovarian bilateral	40	serous	Hereditary			stomach cancer in mother dx at 59 and in her three sisters
	PCR	BRCA1	NM_007294.3:c.181T>G	ovarian	53	serous	Hereditary		2	ovarian cancer in mother dx at 61died at 65; ovarian cancer in mother's sister died at 60; bone cancer in second mother's sister died at 70
	PCR		NM_007294.3:c.181T>G	ovarian	57	NA	Hereditary		1	ovarian cancer in mother dx at 68 died 69
	PCR		NM_007294.3:c.181T>G	ovarian bilateral	54	endometroid	Hereditary			pancreas cancer in mother died at 56 and grandmother (mother side) died 60
	PCR PCR	BRCA1	NM_007294.3:c.181T>G	ovarian bilateral	48	endometroid	Hereditary	-		uterine cancer in mother died at 73; lung cancer in mother's sister died at 70
	PCR		NM_007294.3:c.181T>G NM_007294.3:c.4035delA	ovarian hilateral	37 58	NA serous	Hereditary Hereditary	2	1	breast cancer in mother dx at 63 and sister dx at 45, uterine cancer in the second sister ovarian cancer in sister died at 54; king cancer in brother died at 60 00 00 00 00 00 00 00 00 00 00 00 00 0
	PCR		NM 007294.3:c.4035delA	ovarian	52	NA	Hereditary		2	ovarian canner in mother dx at 62 died 89; ovarian cancer in sister dx at 52 died 55
	PCR	BRCA1	NM_007294.3:c.5266dup	breast	41	ductal	Hereditary		2	ovarian cancer in sister dx at 39; ovarian cancer in mother dx at 35 died at 40; colorectal cancer in father died at 73
	PCR		NM_007294.3:c.5266dup	breast	40	ductal	Hereditary	1		breast cancer in mother dx at 41died at 42; lung cancer in two mother's brothers died at > 50; bilateral breast cancer in daughter of one of this mother's brothers, lung cancer in grandfather (maternal side)
POL	PCR	BRCA1	NM_007294.3:c.5266dup	breast	36	medullary	Hereditary	2		breast cancer in sister dx at 33; breast cancer in mother dx 47, lang cancer mother's father
			NM_007294.3:c.5266dup	breast	45	ductal	Familial	2		breast cancer in sister dx at 43; brain cancer in mother died at 65; breast cancer in mother's sister
	PCR PCR	BRCA1	NM_007294.3:c.5266dup NM_007294.3:c.5266dup	breast bilateral	49 32	ductal (papillary)	Hereditary Hereditary	3		breast cancer in mother dx at 46 died at 49; breast cancer in mother dx at 43 died at 45 breast cancer in mother dx at 46 died at 45 breast cancer in mother dx at 43 died at 45 breast cancer in mother dx at 45 breast cancer in moth
OL OL	PCR		NM_007294.3:c.5266dup NM_007294.3:c.5266dup	ovarian ovarian	32	serous	Hereditary	1	1	liver cancer in grandmother (father side) died at 60 breast cancer in sider for the side of the side o
	PCR		NM_007294.3:c.5266dup	ovarian	48	serous	Hereditary	+ '-	3	Detail carried in Salet u. 4 4 1, ovarian cancer in moner u. 4 3 5 died 68; ovarian cancer in ratiner over u. 7 2 died 6 1 5 died 6 1 5 ovarian cancer in salet u. 4 4 1 5 died 6 1 5 ovarian cancer in salet u. 4 5 died 6 1 5 ovarian cancer in salet u. 4 6 died 6 1 5 ovarian cancer in salet u. 4 died 6 died 6 1 5 ovarian cancer in salet u. 4 died 6 died 6 1 5 ovarian cancer in salet u. 4 died 6 died 6 1 5 ovarian cancer in salet u. 4 died 6 died 6 1 5 ovarian cancer in salet u. 4 died 6 died 6 1 5 ovarian cancer in salet u. 4 died 6 died 6 1 5 ovarian cancer in salet u. 4 died 6 died 6 1 5 ovarian cancer in salet u. 4 died 6 died 6 1 5 ovarian cancer in salet u. 4 died 6 died 6 1 5 ovarian cancer in salet u. 4 died 6 died 6 1 5 ovarian cancer in salet u. 4 died 6 died 6 0 died 6 0 died 6 1 5 ovarian cancer in salet u. 4 died 6 died 6 0 died 6 0 died 6 0 died 6
	PCR	BRCA1	NM_007294.3:c.5266dup	ovarian bilateral	53	NA NA	Hereditary		2	ovarian cancer in other dx at 45 died at 47; ovarian cancer in grandrother (mothers side), uterine cancer is sister
	PCR	BRCA1	NM_007294.3:c.5266dup	breast	30	medullary	Hereditary	3	1	breast cancer in 3 mother's sisters I dx at 36 died at 42; II dx at 51, III dx at 46; ovarian cancer in another mother's sister dx at 44; but mutation was detected in father!
	PCR		NM_007294.3:c.5266dup	breast and ovarian	53, 58	NA	Hereditary		1	lung cancer in mother died at 72; ovarian cancer in mother's sister dx at 58; melanoma in grandmother (matemal side); colorectal cancer in father's sister died at 60
POL	PCR	BRCA1	NM_007294.3:c.5266dup	breast bilateral	32, 36	medullary / ducta	Hereditary	1		no cancer
	PCR		NM_007294.3:c.5266dup	breast	39	ductal	Hereditary	1	.	uterine cancer in mother dx at 35 died at 37; lung cancer in father died at 65
	PCR PCR		NM_007294.3:c.5266dup NM_007294.3:c.5266dup	breast breast bilateral	43 30, 40	ductal lobular / ductal	Hereditary Hereditary	1	1	ovarian cancer in mother dx at 53 died at 53; lung cancer in grandfather (matemal side) breast cancer in prandmother (matemal side) died at 50; ulterine cancer in father's sider dx at 63 breast cancer in prandmother (matemal side) died at 50; ulterine cancer in father's sider dx at 63
	PCR	BRCA1	NM_007294.3:c.5266dup	breast bilateral	36, 51	solidum / serous	Hereditary	+ '-	†	oreast cancer in grandmomer (maternal side) piled at 50°, utening cancer in tamer's sister ox at 63° melanoma in mother died at 64°, utening cancer in mother's sister, colorectal cancer in second mother's sister, utening cancer in father's sister died at 55°, skin cancer in father's brother
	PCR		NM 007294.3:c.5266dup	breast bilateral		medullary	Hereditary	2		breast cancer in mother; breast cancer in brother's brother; melanoma in brother, stomach cancer in father's brother, largnx cancer in mother's brother; lang cancer in second mother's brother; stomach cancer in third m
	PCR		NM 007294.3:c.5266dup	ovarian	34	serous	Hereditary			no cancer
	PCR	BRCA1	NM_007294.3:c.5266dup	ovarian bilateral	44	serous	Hereditary		1	ovarian cancer in sister dx at 52
	PCR		NM_007294.3:c.5266dup	ovarian bilateral	49	serous	Hereditary	1	1	breast and ovarian cancer in grandmother (paternal side) died at 52; pancreas cancer in father's brother died at 52
	PCR		NM_007294.3:c.5266dup	breast, ovarian	34, 46	and the property (Hereditary	2		breast cancer in sister dx at 36; breast cancer in mother dx at 45 died at 69; melanoma in mother's brother dx at 67 and maternal grandmother dx at 89; lung cancer in patemal grandfather, melanoma in patemal grand
OL	PCR PCR	BRCA1	NM_007294.3:c.5266dup	ovarian	49 46	NA .	Hereditary		1	ovarian cancer in mother
	PCR		NM_007294.3:c.5266dup NM_007294.3:c.68_69del	ovarian bilateral breast	46 52	mucinous ductal	Hereditary Sporadic		1	ovarian cancer in mother died at 54; uterine cancer in mother's sister, prostate cancer in mother's brother, lang cancer in mother's brother no cancer
	NGS	BRCA2	NM 000059.3:c.3075 3076delinsT	ovarian bilateral	42	adenocarcinoma	Hereditary	1		indicancer in mother's sister dx at 60, stomach cancer in father dx at 60 breast cancer in mother's sister dx at 60, stomach cancer in father dx at 60
	NGS		NM 000059.3:c.3075 3076delins1		52	endometroid	Familial		1	ovarian cancer in sister dx at 51, lung cancer in mother dx at 75, liver cancer in grandmother (from mother side) dx at 81
POL	NGS	BRCA2	NM_000059.3:c.3075_3076delins1	ovarian	58	adenocarcinoma	Familial		- 1	ovarian cancer in sister dx at 52, lung cancer in mother 74, bones cancer mother's sister dx 60
	NGS	BRCA2	NM_000059.3:c.5205_5208del	breast	59	NA	Sporadic			colorectal cancer in father's sister
	NGS		NM_000059.3:c.5857G>T	breast bilateral	34	lobular	Hereditary	1		breast cancer in sister dx at 39; liver cancer in father's sister and mother's brother
	NGS		NM_000059.3:c.6315_6318del	breast	59	ductal in situ	Sporadic			no cancer
	NGS NGS	BRCA2	NM_000059.3:c.8623G>T NM_000059.3:c.9253dup	breast bilateral	28	ductal	Hereditary Hereditary	2		breast cancer in sister dx at 52; breast cancer in father's sister died at 40 uterine cancer in mother died 146; leutemain in father died at 35 uterine cancer in mother died 146; leutemain in father died at 35
			NM_007294.3:c.1510del	breast	63	ductal ductal	Hereditary	1		useme carrier in mother
	NGS	BRCA1	NM 007294.3:c.181T>G	breast	34	NA	Hereditary	1		breast cancer in mother
JKR	NGS	BRCA1	NM_007294.3:c.181T>G	breast	42	NA	Hereditary	2		breast cancer in mother and aunt
	NGS		NM_007294.3:c.181T>G	breast	41	lobular	Hereditary	1		breast cancer in mother
	NGS		NM_007294.3:c.2217dup	breast	35	ductal	Hereditary	3		breast cancer in mother, grandmother and aunt, uterine cancer in aunt
	NGS	BRCA1	NM_007294.3:c.2291_2292del	breast	45	ductal	Hereditary	1	1	ovarian cancer in mother
	NGS NGS		NM_007294.3:c.4357+1G>C NM_007294.3:c.5030_5033del	breast breast bilateral	46 40	lobular ductal	Hereditary Familial	1	2	ovarian cancer in mother and grandmother hreast cancer in sister
	NGS NGS	BRCA1	NM_007294.3:c.5030_5033del NM_007294.3:c.5030_5033del	breast bilateral breast	60	low differentiated	Hereditary	+ 1	1	preast cancer in sister ovarian cancer in mother
	NGS		NM_007294.3:c.5030_5033del	ovarian cancer	61	NA MA	Hereditary	 	1	Overain cancer in motives
	NGS		NM_007294.3:c.5177_5180del	breast	43	ductal	Hereditary	2	Ė	breast cancer in mother and sister
KR	NGS	BRCA1	NM_007294.3:c.5177_5180del	breast	37	ductal	Hereditary	2	L	breast cancer in mother and sister
	NGS		NM_007294.3:c.5266dup	breast	29	lobular	Hereditary	3		breast cancer in mother, grandmother and aunt
KR	NGS		NM_007294.3:c.5266dup	breast	51	NA	Hereditary	1		breast cancer in twin sister
	NGS	BRCA1	NM_007294.3:c.5266dup NM_007294.3:c.5266dup	breast	39 48	medullary	Familial	1	١.	braest cancer in cousin (woman)
KR	NGS NGS		NM_007294.3:c.5266dup NM_007294.3:c.5266dup	breast breast	34	ductal ductal	Familial Hereditary	2	1	ovarian cancer in grandmother breast cancer in mother aunt
KR KR			001204.0.0.02000Up	U.UBSI				_	+	
KR KR KR			NM 007294 3:c 5266dup	breast		ductal		1		breast cancer in mother
KR KR KR	NGS NGS	BRCA1	NM_007294.3:c.5266dup NM_007294.3:c.5266dup	breast breast bilateral	37 59	ductal ductal	Hereditary Hereditary	2		breast cancer in mother breast cancer in mother and cousin (man), uterine cancer in aunt press cancer in mother and cousin (man), uterine cancer in aunt
KR KR KR KR	NGS	BRCA1 BRCA1			37	ductal ductal				
KR KR KR KR KR KR	NGS NGS NGS NGS	BRCA1 BRCA1 BRCA1 BRCA1	NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup	breast bilateral breast breast	37 59 42 32	ductal ductal low differentiated	Hereditary Hereditary Hereditary	2 4 4		breast cancer in mother and cousin (man), ularine cancer in aunt breast cancer in mother, grandmother, daughter and aunt breast cancer in mother, grandmother, grand-grandmother and aunt breast cancer in mother, grand-grandmother grand-grandmother and aunt
KR KR KR KR KR KR KR	NGS NGS NGS NGS NGS	BRCA1 BRCA1 BRCA1 BRCA1 BRCA1	NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup	breast bilateral breast breast breast	37 59 42 32 55	ductal ductal low differentiated ductal	Hereditary Hereditary Hereditary Hereditary	2 4 4 3	1	breast cancer in mother and cousin (man), uterine cancer in aunt breast cancer in mother, grandmother, daughter and aunt breast cancer in mother, grandmother, grand grandmother and aunt breast cancer in mother, grand-grandmother and aunt breast cancer in mother, first cousin (woman) and niece; ovarian cancer in grandmother
IKR	NGS NGS NGS NGS NGS NGS	BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1	NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup	breast bilateral breast breast breast breast	37 59 42 32 55	ductal ductal low differentiated ductal ductal	Hereditary Hereditary Hereditary Hereditary Hereditary	2 4 4	1	breast cancer in mother and cousin (man), uterine cancer in aunt breast cancer in mother, grandmother, daughter and aunt breast cancer in mother, grandmother, grand-grandmother and aunt breast cancer in mother, first cousin (woman) and niece; ovarian cancer in grandmother breast cancer in mother, grandmother, aunt, first cousin (woman) and niece; ovarian cancer in grandmother breast cancer in mother, grandmother, aunt, first cousin (woman)
KR KR KR KR KR KR KR KR KR	NGS NGS NGS NGS NGS NGS NGS	BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1	NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.68_69del	breast bilateral breast breast breast breast breast ovarian, breast	37 59 42 32 55 50 54, 69	ductal ductal low differentiated ductal ductal ductal	Hereditary Hereditary Hereditary Hereditary Hereditary Hereditary	2 4 4 3 4	1 5	breast cancer in mother and cousin (man), ulerine cancer in aunt breast cancer in mother, grandmother, daughter and aunt breast cancer in mother, grandmother, grand-grandmother and aunt breast cancer in mother, first cousin (woman) and niece; overain cancer in grandmother breast cancer in mother, grandmother, aunt, first cousin (woman) overain cancer in mother, grandmother, aunt, first cousin (woman)
IKR	NGS NGS NGS NGS NGS NGS NGS NGS	BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1	NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.68_6del NM_007294.3:c.68_9del	breast bilateral breast breast breast breast breast ovarian, breast ovarian	37 59 42 32 55 50 54, 69 48	ductal ductal low differentiated ductal ductal ductal ductal NA	Hereditary Hereditary Hereditary Hereditary Hereditary Hereditary Hereditary	2 4 4 3 4 1	1 5	breast cancer in mother and cousin (man), uterine cancer in aunt breast cancer in mother, gardnerher, daughter and aunt breast cancer in mother, grandmother, daughter and aunt breast cancer in mother, grandmother, grand-grandmother and aunt breast cancer in mother, fist cousin (woman) and niece; overain cancer in grandmother breast cancer in mother, grandmother, aunt, fist cousin (woman) overain cancer in mother, grandmother, aunt, sister and first cousin (woman) breast cancer in mother, grandmother, aunt, sister and first cousin (woman)
JKR	NGS NGS NGS NGS NGS NGS NGS NGS NGS NGS	BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1	NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.68_69del NM_007294.3:c.68_69del NM_007294.3:c.684_850dup	breast bilateral breast breast breast breast breast ovarian, breast ovarian breast	37 59 42 32 55 50 54, 69 48 41	ductal ductal low differentiated ductal ductal ductal NA ductal	Hereditary Hereditary Hereditary Hereditary Hereditary Hereditary Hereditary Hereditary Hereditary	2 4 4 3 4 1	1 5	breast cancer in mother and cousin (man), uterine cancer in aunt breast cancer in mother, grandmother, daughter and aunt breast cancer in mother, grandmother, grand-grandmother and aunt breast cancer in mother, first cousin (woman) and niece; ovarian cancer in grandmother breast cancer in mother, first cousin (woman) and niece; ovarian cancer in grandmother breast cancer in mother, grandmother, aunt, first cousin (woman) ovarian cancer in mother, grandmother, aunt, sister and first cousin (woman) breast cancer in sister breast cancer in sister and two aunts
IKR	NGS	BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1	NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.68_69del NM_007294.3:c.68_69del NM_007294.3:c.68_69del NM_007294.3:c.68_69del	breast bilateral breast breast breast breast breast breast breast ovarian, breast ovarian breast breast	37 59 42 32 55 50 54, 69 48 41	ductal ductal low differentiated ductal ductal ductal ductal NA ductal ductal	Hereditary Hereditary Hereditary Hereditary Hereditary Hereditary Hereditary Hereditary Hereditary Familial	2 4 4 3 4 1	1 5	breast cancer in mother, grandmether, daughter and aunt breast cancer in mother, grandmether, daughter and aunt breast cancer in mother, grandmether, daughter and aunt breast cancer in mother, grandmether, grand-grandmether and aunt breast cancer in mother, fish cousel (worth) and inselect organic cancer in grandmether breast cancer in mother, grandmether, aunt, first cousel (worth) ovarian cancer in mother, grandmether, aunt, isster and first cousel (worth) breast cancer in sister breast cancer in mother, sister and two aunts breast cancer in mother, sister and two aunts breast cancer in grandmether
IKR	NGS NGS NGS NGS NGS NGS NGS NGS NGS NGS	BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA2 BRCA2	NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.68_69del NM_007294.3:c.68_69del NM_007294.3:c.684_850dup	breast bilateral breast breast breast breast breast ovarian, breast ovarian breast	37 59 42 32 55 50 54, 69 48 41	ductal ductal low differentiated ductal ductal ductal NA ductal	Hereditary Hereditary Hereditary Hereditary Hereditary Hereditary Hereditary Hereditary Hereditary	2 4 4 3 4 1 4	1 5	breast cancer in mother and cousin (man), uterine cancer in aunt breast cancer in mother, grandmother, daughter and aunt breast cancer in mother, grandmother, grand-grandmother and aunt breast cancer in mother, first cousin (woman) and niece; ovarian cancer in grandmother breast cancer in mother, first cousin (woman) and niece; ovarian cancer in grandmother breast cancer in mother, grandmother, aunt, first cousin (woman) ovarian cancer in mother, grandmother, aunt, sister and first cousin (woman) breast cancer in sister breast cancer in sister and two aunts
JKR	NGS	BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA2 BRCA2 BRCA2 BRCA2	NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.68_69del NM_007294.3:c.68_69del NM_007294.3:c.68_09del NM_007294.3:c.68_09del NM_007294.3:c.68_09del NM_000059.3:c.645641GsT NM_000059.3:c.47541GsT NM_000059.3:c.47541GsT	breast bilateral breast	37 59 42 32 55 50 54, 69 48 41 57 60 29	ductal ductal low differentiated ductal ductal ductal NA ductal ductal ductal ductal	Hereditary Familial	2 4 4 3 4 1 4 1 1	1 5	breast cancer in mother, grandmother, daughter and aunt breast cancer in mother, grandmother, daughter and aunt breast cancer in mother, grandmother, grand-grandmother and aunt breast cancer in mother, first cousin (woman) and niece; ovarian cancer in grandmother breast cancer in mother, grandmother, aunt, first cousin (woman) ovarian cancer in mother, grandmother, aunt, first cousin (woman) breast cancer in mother, grandmother, aunt, sister and first cousin (woman) breast cancer in mother, grandmother, aunt, sister and first cousin (woman) breast cancer in mother, grandmother breast cancer in mother, grandmother breast cancer in mother, grandmother breast cancer in inster breast cancer in sister
JKR	NGS	BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA2 BRCA2 BRCA2 BRCA2 BRCA2 BRCA2	NM_007294.3c.5266dup NM_007294.3c.5266dup NM_007294.3c.5266dup NM_007294.3c.5266dup NM_007294.3c.5266dup NM_007294.3c.5266dup NM_007294.3c.68_69del NM_007294.3c.68_69del NM_007294.3c.68_69del NM_007294.3c.68_69del NM_007294.3c.68_69del NM_000059.3c.109055delinsGAAT NM_000059.3c.109055delinsGAAT NM_000059.3c.47541G>T NM_000059.3c.47541G>T NM_000059.3c.47541G>T	breast bilateral breast breast breast breast breast breast ovarian, breast ovarian breast	37 59 42 32 55 50 54,69 48 41 57 60 29 44	ductal ductal ductal iow differentiated ductal ductal NA ductal	Hereditary Familial Hereditary Familial Hereditary	2 4 4 3 4 1 1 4 1 1 2	1 5	breast cancer in mother, grandmother, daughter and aunt breast cancer in mother, grandmother, daughter and aunt breast cancer in mother, grandmother, grandmother and aunt breast cancer in mother, grandmother, grandmother and aunt breast cancer in mother, first coush (voman) and niece: ovarian cancer in grandmother breast cancer in mother, grandmother, aunt, fist coush (voman) covarian cancer in mother, grandmother, aunt, sister and first coush (voman) breast cancer in sister breast cancer in sister breast cancer in sister breast cancer in sister breast cancer in mother, sider and two aunts breast cancer in mother and aunt
JKR	NGS	BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA2 BRCA2 BRCA2 BRCA2 BRCA2 BRCA2 BRCA2	NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.68_69del NM_007294.3:c.68_69del NM_007294.3:c.68_69del NM_007294.3:c.68_69del NM_00059.3:c.10958felinsGAAT NM_000059.3:c.10958felinsGAAT NM_000059.3:c.475+1G>T NM_000059.3:c.475-1G>T NM_00059.3:c.475-1G>T NM_00059.3:c.475-1G>	breast bilateral breast breast breast breast breast breast covarian, breast covarian breast	37 59 42 32 55 50 54,69 48 41 57 60 29 44 59	ductal ductal ductal bw differentiated ductal	Hereditary Familial	2 4 4 3 4 1 1 4 1 1 2	5	breast cancer in mother, grandmother, daughter and aunt breast cancer in mother, grandmother, daughter and aunt breast cancer in mother, grandmother, grand-grandmother and aunt breast cancer in mother, first cousts (woman) and niece; overain cancer in grandmother breast cancer in mother, grandmother, aunt, first coustin (woman) overain cancer in mother, grandmother, aunt, sister and first coustin (woman) breast cancer in mother, grandmother, aunt, sister and first coustin (woman) breast cancer in mother, sister and two aunts breast cancer in mother, sister and two aunts breast cancer in mother, sister and aunt breast cancer in sister utents cancer in mother and aunt breast cancer in sister utents cancer in mother and aunt breast cancer in sister utents cancer in mother and aunt breast cancer in grandmother present cancer in grandmother and such sister utents cancer in mother and twin sister
JKR	NGS	BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA2 BRCA2 BRCA2 BRCA2 BRCA2 BRCA2 BRCA2 BRCA2	NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.68_69del NM_007294.3:c.68_69del NM_000059.3:c.10095delinsGAAT NM_000059.3:c.2945del NM_000059.3:c.475+1G>T NM_000059.3:c.6405.6409del	breast bilateral breast breast breast breast breast breast ovarian, breast	37 59 42 32 55 50 54, 69 48 41 57 60 29 44 59 41	ductal ductal ductal bw differentiated ductal ductal ductal ductal NA ductal ductal hy ductal	Hereditary Familial Hereditary Familial Hereditary Hereditary Hereditary Hereditary	2 4 4 3 4 1 1 4 1 1 2	5	breast cancer in mother, grandmother, daughter and aunt breast cancer in mother, grandmother, daughter and aunt breast cancer in mother, grandmother, daughter and aunt breast cancer in mother, fist cousin (woman) and niece; ovarian cancer in grandmother breast cancer in mother, grandmother, aunt, fist cousin (woman) ovarian cancer in mother, grandmother, aunt, fist cousin (woman) tovarian cancer in mother, grandmother, aunt, fist cousin (woman) breast cancer in mother, grandmother, aunt, sister and first cousin (woman) breast cancer in mother, sister and two aunts breast cancer in mother, and aunt breast cancer in mother and first cousin (woman) breast cancer in mother and aunt breast cancer in mother and aunt breast cancer in mother and first cousin (woman) breast cancer in mother mother or mother breast cancer in mother mother or mother breast cancer in mother mother and two aunts
JKR	NGS	BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA1 BRCA2 BRCA2 BRCA2 BRCA2 BRCA2 BRCA2 BRCA2 BRCA2 BRCA2	NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.5266dup NM_007294.3:c.68_69del NM_007294.3:c.68_69del NM_007294.3:c.68_69del NM_007294.3:c.68_69del NM_00059.3:c.10958felinsGAAT NM_000059.3:c.10958felinsGAAT NM_000059.3:c.475+1G>T NM_000059.3:c.475-1G>T NM_00059.3:c.475-1G>T NM_00059.3:c.475-1G>	breast bilateral breast breast breast breast breast breast covarian, breast covarian breast	37 59 42 32 55 50 54,69 48 41 57 60 29 44 59	ductal ductal ductal bw differentiated ductal	Hereditary Familial	2 4 4 3 4 1 1 4 1 1 2	1 1 1 1	breast cancer in mother, grandmother, daughter and aunt breast cancer in mother, grandmother, daughter and aunt breast cancer in mother, grandmother, grand-grandmother and aunt breast cancer in mother, first cousts (woman) and niece; overain cancer in grandmother breast cancer in mother, grandmother, aunt, first coustin (woman) overain cancer in mother, grandmother, aunt, sister and first coustin (woman) breast cancer in mother, grandmother, aunt, sister and first coustin (woman) breast cancer in mother, sister and two aunts breast cancer in mother, sister and two aunts breast cancer in mother, sister and aunt breast cancer in sister utents cancer in mother and aunt breast cancer in sister utents cancer in mother and aunt breast cancer in sister utents cancer in mother and aunt breast cancer in grandmother present cancer in grandmother and such sister utents cancer in mother and twin sister