



Table 1: BreastScreen®

	DISEASE NAME	PhenoMIM	GENE
1	Breast cancer, susceptibility to	<u>114480</u>	ATM
	(Breast, pancreatic)		AIM
2	Breast cancer, susceptibility to	<u>114480</u>	BARD1
	(Breast, ovarian)		Di IKDI
3	Breast-ovarian cancer, familial, 1	604370	
3	Pancreatic cancer, susceptibility to, 4	<u>614320</u>	BRCA1
	(Breast, ovarian, male breast, prostate, pancreatic)		
	Breast-ovarian cancer, familial, 2	612555	
4	Pancreatic cancer	613347	BRCA2
	Prostate cancer	<u>176807</u>	
	(Breast, ovarian, male breast, prostate, pancreatic)	111100	
5	Breast cancer, early-onset	<u>114480</u>	BRIP1
	(Breast, ovarian)	600000	
	Endometrial carcinoma, somatic	608089	
	Gastric cancer, familial diffuse, with or without cleft lip and/or palate	137215	
6	Ovarian carcinoma, somatic	167000 114480	CDH1
	Breast cancer, lobular	114480	
	Prostate cancer, susceptibility to	<u>176807</u>	
	(Breast, gastric, colorectal)	600265	
	Li-Fraumeni syndrome	609265	
7	Breast cancer, susceptibility to	114480	СНЕК2
	Prostate cancer, familial, susceptibility to Osteosarcoma, somatic	176807 250500	CHEK2
	Breast, colorectal	259500	
8	Breast, ovarian		MRE11A
	Leukemia, acute lymphoblastic		
9	breast cancer		
	prostate cancer	<u>613065</u>	NBN
	Breast, ovarian		
	Endometrial carcinoma, somatic	608089	
	Malignant melanoma, somatic	155600	
	Squamous cell carcinoma, head and neck, somatic	275355	
10	Thyroid carcinoma, follicular, somatic	$\frac{273335}{188470}$	Daniel V.
	Glioma susceptibility 2	613028	PTEN
	Meningioma	607174	
	Prostate cancer, somatic	176807	
	Breast, uterine, kidney, thyroid, colorectal		
11	Breast cancer, susceptibility to	114480	PALB2
	Pancreatic cancer, susceptibility to	<u>613348</u>	
12	Breast-ovarian cancer, familial, susceptibility to, 3	613399	D. D. E. C.
	Breast, ovarian		RAD51C
42	Adrenal cortical carcinoma	202300	
13	Breast cancer	<u>114480</u>	TP53
	Colorectal cancer	<u>114500</u>	

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Hepatocellular carcinoma	114550	
Li-Fraumeni syndrome	<u>151623</u>	
Nasopharyngeal carcinoma	<u>607107</u>	
Osteosarcoma	<u>259500</u>	
Pancreatic cancer	260350	
Basal cell carcinoma 7	614740	
Glioma susceptibility 1	137800	
Breast, sarcoma, brain, adrenocortical, leukemia, gastrointestinal, genitourinary		

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