

**Table 1: BreastScreen®**

	DISEASE NAME	PhenoMIM	GENE
1	Breast cancer, susceptibility to <b>(Breast, pancreatic)</b>	<a href="#">114480</a>	<b>ATM</b>
2	Breast cancer, susceptibility to <b>(Breast, ovarian)</b>	<a href="#">114480</a>	<b>BARD1</b>
3	Breast-ovarian cancer, familial, 1 Pancreatic cancer, susceptibility to, 4 <b>(Breast, ovarian, male breast, prostate, pancreatic)</b>	<a href="#">604370</a> <a href="#">614320</a>	<b>BRCA1</b>
4	Breast-ovarian cancer, familial, 2 Pancreatic cancer Prostate cancer <b>(Breast, ovarian, male breast, prostate, pancreatic)</b>	<a href="#">612555</a> <a href="#">613347</a> <a href="#">176807</a>	<b>BRCA2</b>
5	Breast cancer, early-onset <b>(Breast, ovarian)</b>	<a href="#">114480</a>	<b>BRIP1</b>
6	Endometrial carcinoma, somatic Gastric cancer, familial diffuse, with or without cleft lip and/or palate Ovarian carcinoma, somatic Breast cancer, lobular Prostate cancer, susceptibility to <b>(Breast, gastric, colorectal)</b>	<a href="#">608089</a> <a href="#">137215</a> <a href="#">167000</a> <a href="#">114480</a> <a href="#">176807</a>	<b>CDH1</b>
7	Li-Fraumeni syndrome Breast cancer, susceptibility to Prostate cancer, familial, susceptibility to Osteosarcoma, somatic <b>Breast, colorectal</b>	<a href="#">609265</a> <a href="#">114480</a> <a href="#">176807</a> <a href="#">259500</a>	<b>CHEK2</b>
8	<b>Breast, ovarian</b>		<b>MRE11A</b>
9	Leukemia, acute lymphoblastic breast cancer prostate cancer <b>Breast, ovarian</b>	<a href="#">613065</a>	<b>NBN</b>
10	Endometrial carcinoma, somatic Malignant melanoma, somatic Squamous cell carcinoma, head and neck, somatic Thyroid carcinoma, follicular, somatic Glioma susceptibility 2 Meningioma Prostate cancer, somatic <b>Breast, uterine, kidney, thyroid, colorectal</b>	<a href="#">608089</a> <a href="#">155600</a> <a href="#">275355</a> <a href="#">188470</a> <a href="#">613028</a> <a href="#">607174</a> <a href="#">176807</a>	<b>PTEN</b>
11	<b>Breast cancer, susceptibility to</b> Pancreatic cancer, susceptibility to	<a href="#">114480</a> <a href="#">613348</a>	<b>PALB2</b>
12	Breast-ovarian cancer, familial, susceptibility to, 3 <b>Breast, ovarian</b>	<a href="#">613399</a>	<b>RAD51C</b>
13	Adrenal cortical carcinoma Breast cancer Colorectal cancer	<a href="#">202300</a> <a href="#">114480</a> <a href="#">114500</a>	<b>TP53</b>

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