

Table 1

Phenotype	GeneReviews	Prevalence	CAF	PAF	Max_Penetrance
Breast-Ovarian Cancer	No	0.0096200	0.07	0.00329000	1.0000000
Li-Fraumeni	No	0.0002000	0.70	0.00122000	0.1640000
Peutz-Jeghers	Yes	0.0000400	0.96	0.00000000	NA
Lynch Syndrome	Yes	0.0022700	0.75	0.01210000	0.1880000
APC-Polyposis	Yes	0.0000320	0.90	0.00595000	0.0053800
MUTYH-Polyposis	No	0.0000500	0.99	0.00001250	1.0000000
Juvenile Polyposis	No	0.0000625	0.40	0.00005550	1.0000000
Von Hippel-Lindau	No	0.0000189	1.00	0.00057100	0.0331000
Endocrine Neoplasias 1	Yes	0.0000333	0.90	0.00000000	NA
Endocrine Neoplasias 2	Yes	0.0000286	0.98	0.00778000	0.0036700
PTEN Hamartomas	Yes	0.0000050	0.80	0.00020300	0.0247000
Retinoblastoma	Yes	0.0000667	0.97	0.00011400	0.5840000
Paragangliomas	No	0.0000010	0.25	0.06590000	0.0000152
Tuberous Sclerosis	Yes	0.0000885	0.90	0.00023600	0.3750000
Wilms Tumor	No	0.0001000	0.01	0.00000000	NA
Neurofibromatosis	Yes	0.0000167	1.00	0.00001580	1.0000000
Ehlers-Danlos	Yes	0.0000050	0.95	0.00012700	0.0394000
Marfan Syndrome	Yes	0.0002000	0.90	0.00417000	0.0480000
Loeys-Dietz	No	0.0000100	0.95	0.00218000	0.0045800
Thoracic Aortic	No	0.0001000	0.30	0.00091200	0.1100000
Dilated CM	Yes	0.0040000	0.20	0.01710000	0.2340000
Hypertrophic CM	Yes	0.0020000	0.60	0.01570000	0.1280000
Fabry's Disease	Yes	0.0006250	1.00	0.00098600	0.6340000
CPV Tachycardia	Yes	0.0001000	0.50	0.00086400	0.1160000
Arrhythm RV CM	Yes	0.0010000	0.25	0.00857000	0.1170000
Long QT Syndrome	Yes	0.0005000	0.80	0.04090000	0.0122000
Brugada Syndrome	Yes	0.0024000	0.30	0.03630000	0.0662000
Hypercholesterolemia	Yes	0.0050000	0.80	0.00879000	0.5690000
Wilson Disease	Yes	0.0001000	0.95	0.00000944	1.0000000
OTC Deficiency	Yes	0.0000714	0.90	0.00177000	0.0404000
Malignant Hyperthermia	Yes	0.0000300	0.80	0.00568000	0.0052800