

Table 1

Phenotype	GeneReviews	Prevalence	CAF	PAF	Max Penetrance
Breast-Ovarian Cancer	No	0.0096200	0.07	0.00291000	1.0000000
Li-Fraumeni	No	0.0002000	0.70	0.00120000	0.1670000
Peutz-Jeghers	Yes	0.0000400	0.96	0.00000000	1.0000000
Lynch Syndrome	Yes	0.0022700	0.75	0.01190000	0.1920000
APC-Polyposis	Yes	0.0000320	0.90	0.00594000	0.0053900
MUTYH-Polyposis	No	0.0000500	0.99	0.00001250	1.0000000
Juvenile Polyposis	No	0.0000625	0.40	0.00004750	1.0000000
Von Hippel-Lindau	No	0.0000189	1.00	0.00057100	0.0331000
Endocrine Neoplasias 1	Yes	0.0000333	0.90	0.00000000	1.0000000
Endocrine Neoplasias 2	Yes	0.0000286	0.98	0.00776000	0.0036800
PTEN Hamartomas	Yes	0.0000050	0.80	0.00021100	0.0238000
Retinoblastoma	Yes	0.0000667	0.97	0.00011400	0.5840000
Parangangliomas	No	0.0000010	0.25	0.06580000	0.0000152
Tuberous Sclerosis	Yes	0.0001720	0.90	0.00023600	0.7310000
Wilms Tumor	No	0.0001000	0.01	0.00000000	1.0000000
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	0.00396000	0.0506000
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	0.01720000	0.2330000
Hypertrophic CM	Yes	0.0020000	0.60	0.01690000	0.1180000
Fabry's Disease	Yes	0.0006250	1.00	0.00105000	0.5970000
CPV Tachycardia	Yes	0.0001000	0.50	0.00086400	0.1160000
Arrhythm RV CM	Yes	0.0010000	0.25	0.00859000	0.1160000
Long QT Syndrome	Yes	0.0005000	0.80	0.04050000	0.0123000
Brugada Syndrome	Yes	0.0024000	0.30	0.03610000	0.0665000
Hypercholesterolemia	Yes	0.0050000	0.80	0.00877000	0.5700000
Wilson Disease	Yes	0.0001000	0.95	0.00000893	1.0000000
OTC Deficiency	Yes	0.0000714	0.90	0.00177000	0.0404000
Malignant Hyperthermia	Yes	0.0000300	0.80	0.00680000	0.0044100