Secondary Germline Screening

NantHealth offers secondary screening for a select set of cancer predisposition genes, listed below. This list includes a number of genes that are recommended by the American College of Medical Genetics (ACMG). For more information on a gene or the associated disorder, please click on the respective gene symbol or disorder.

Gene Symbol	Disorder*	Gene Symbol	Disorder
APC	Familial Adenomatous Polyposis	RB1	Retinoblastoma
BMPR1A	Juvenile Polyposis Syndrome	SDHB	Hereditary Paraganglioma-Pheochromocytoma Syndrome
BRCA1	Hereditary Breast/Ovarian Cancer	SDHC	Hereditary Paraganglioma-Pheochromocytoma Syndrome
BRCA2	Hereditary Breast/Ovarian Cancer	SDHD	Hereditary Paraganglioma-Pheochromocytoma Syndrome
MEN1	Multiple Endocrine Neoplasia Type 1	SMAD4	Juvenile Polyposis Syndrome
MLH1	Lynch Syndrome	STK11	Peutz-Jeghers Syndrome
MSH2	Lynch Syndrome	TP53	Li-Fraumeni Syndrome
MSH6	Lynch Syndrome	TSC1	Tuberous Sclerosis Complex
NF2	Neurofibromatosis Type 2	TSC2	Tuberous Sclerosis Complex
PMS2	Lynch Syndrome	VHL	Von Hippel Lindau Syndrome
PTEN	PTEN Hamartoma Tumor Syndrome	WT1	Wilms Tumor

*Only one disorder per gene is listed. For additional information click on the gene symbol names to see other associated conditions (phenotypes).

Contact Us

If you would like more information about GPS Cancer, please call us at 1.844.MY.OMICS, email us at gps@nanthealth.com, or visit us online at www.nanthealth.com/gps-cancer.