



## Hereditary cancer complete genetic testing menu

### Comprehensive and guideline-based hereditary cancer panels

Test code	Test name	Genes
38600	Comprehensive Hereditary Cancer Panel (66 genes)	APC, ATM, AXIN2, BAP1, BARD1, BLM, BMPR1A, BRCA1, BRCA2, BRIP1, CDH1, CDK4, CDKN1B, CDKN2A (p16, p14), CHEK2, DICER1, EGFR, EPCAM, FANCA, FANCC, FANCM, FH, FLCN, GALNT12, GREM1, HOXB13, MAX, MEN1, MET, MITF, MLH1, MRE11 (MRE11A), MSH2, MSH3, MSH6, MUTYH, NBN, NF1, NTHL1, PALB2, PMS2, POLD1, POLE, POT1, PTCH1, PTEN, RAD50, RAD51C, RAD51D, RECQL, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, SMAD4, SMARCA4, STK11, SUFU, TMEM127, TP53, TSC1, TSC2, VHL, XRCC2
38611	Guideline-Based Hereditary Cancer Panel (32 genes)	APC, ATM, AXIN2, BMPR1A, BRCA1, BRCA2, BRIP1, CDH1, CDK4, CDKN2A (p16,p14), CHEK2, EPCAM, GREM1, HOXB13, MLH1, MSH2, MSH3, MSH6, MUTYH, NBN, NF1, NTHL1, PALB2, PMS2, POLD1, POLE, PTEN, RAD51C, RAD51D, SMAD4, STK11, TP53

### Additional hereditary cancer risk tests

Test code	Test name	Genes
38621	Hereditary Breast Cancer Panel (16 genes)	ATM, BRCA1, BRCA2, CDH1, CHEK2, EPCAM, MLH1, MSH2, MSH6, NBN, NF1, PALB2, PMS2, PTEN, STK11, TP53
38631	Hereditary Colorectal Cancer Panel (19 genes)	APC, AXIN2, BMPR1A, CDH1, EPCAM, GREM1, MLH1, MSH2, MSH3, MSH6, MUTYH, NTHL1, PMS2, POLD1, POLE, PTEN, SMAD4, STK11, TP53
38641	Hereditary Endocrine Cancer Panel (12 genes)	FH, MAX, MEN1, NF1, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, TMEM127, VHL
92587	BRCA Panel Plus (7 genes)	BRCA1, BRCA2, CDH1, PALB2, PTEN, STK11, TP53
91863	BRCA Panel	BRCA1, BRCA2
91864	BRCA Ashkenazi Jewish Screen	Common founder variants BRCA1 c.68_69delAG, BRCA1 c.5266dupC, BRCA2 c.5946delT
92140	BRCA Ashkenazi Jewish Screen w/Reflex to BRCA Panel (BRCA1, BRCA2)	Ashkenazi Jewish screen; if negative reflex to BRCA Panel (BRCA1, BRCA2)
91461	Lynch Syndrome Panel (5 genes)	EPCAM, MLH1, MSH2, MSH6, PMS2
38651	Nevoid Basal Cell Carcinoma (NBCCS) (Gorlin) Syndrome Panel (PTCH1, SUFU)	PTCH1, SUFU
38661	Tuberous Sclerosis Complex Panel (TSC1, TSC2)	TSC1, TSC2
94053	Juvenile Polyposis Panel (BMPR1A and SMAD4)	BMPR1A, SMAD4
93945	Hereditary Cancer Single Site(s)	APC, ATM, AXIN2, BAP1, BARD1, BLM, BMPR1A, BRCA1, BRCA2, BRIP1, CDH1, CDK4, CDKN1B, CDKN2A (p16, p14), CHEK2, DICER1, EGFR, EPCAM, FANCA, FANCC, FANCM, FH, FLCN, GALNT12, GREM1, HOXB13, MAX, MEN1, MET, MITF, MLH1, MRE11 (MRE11A), MSH2, MSH3, MSH6, MUTYH, NBN, NF1, NTHL1, PALB2, PMS2, POLD1, POLE, POT1, PTCH1, PTEN, RAD50, RAD51C, RAD51D, RECQL, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, SMAD4, SMARCA4, STK11, SUFU, TMEM127, TP53, TSC1, TSC2, VHL, XRCC2
See genes column	Single-gene tests	APC – 93797, ATM – 38802, BAP1 – 38803, BLM – 38804, CDH1 – 92568, CDKN2A – 93939, CHEK2 – 93940, EPCAM/MSH2 – 91471, FH – 38805, FLCN – 38806, HOXB13 – 38807, MEN1 – 93942, MITF – 38808, MLH1 – 91460, MSH6 – 91458, MUTYH – 93944, NF1 – 93941, PALB2 – 92571, PMS2 – 91457, PTEN – 92566, RET – 93796, SMARCA4 – 38809, STK11 – 92565, TP53 – 92560, VHL – 93943

Components of panels may be ordered separately.

Please contact **Quest Genomics Client Services at 1.866.GENE.INFO (1.866.436.3463)** or visit **QuestHereditaryCancer.com** with questions

Test codes may vary by location. Please contact your local laboratory for more information.

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