

# Genes analyzed by the CBR Snapshot™ genetic test



by CooperSurgical®

CBR Snapshot™ analyzes 250+ genes associated with genetic conditions where early detection and treatment can make a positive difference.<sup>1</sup>



## Blood

ACVRL1, ADAMTS13, ANK1, ELANE, ENG, EPB42, F9, HAX1, HBB, MPL, SLC4A1, SPTB



## Cancer

BMPR1A, ERCC2, ERCC5, FANCA, FANCC, FANCG, MEN1, NF1, NF2, PTCH1, RB1, SMAD4, STK11, VHL, WT1, XPA, XPC



## Cardio

FBN1, JAG1, PTPN11, SMAD3, TAZ, TGFBR1, TGFBR2



## Epilepsy

ALDH7A1, ETHE1, KCNQ2, PNPO, PRRT2, SCN1A, SCN2A, SCN8A, TSC1, TSC2



## Hearing Loss

CDH23, CRYL1, GJB2, GJB6, KCNE1, MYO15A, OTOF, PAX3, SLC26A4, SOX10, TECTA, TMIE, TMPRSS3, TPRN, TRIOBP, USH1C, USH1G, USH2A, WHRN



## Immunodeficiency

ADA, BTK, CD3D, CD3E, CD40LG, CIITA, CYBA, CYBB, DCLRE1C, DOCK8, FOXP3, IL2RG, IL7R, JAK3, NCF2, PRF1, PTPRC, RAG1, RAG2, RFX5, RFXANK, RFXAP, ZAP70



## Metabolic

ABCC8, ABCD1, ABCG5, ACAD8, ACADM, ACADVL, ACAT1, AGL, AGXT, AKR1D1, ALDOB, ALPL, AQP2, ARG1, ARSA, ARSB, ASL, ASS1, ATP7A, ATP7B, AVPR2, BCKDHA, BCKDHB, BTB, CASR, CBS, CLN3, CLN5, CLN6, CPS1, CPT1A, CPT2, CTNS, CYP11B1, CYP11B2, CYP17A1, CYP27A1, CYP27B1, DBT, DLD, DUOX2, DUOX2, ETF, ETFB, ETFDH, FAH, FBP1, FOLR1, G6PC, G6PD, GAA, GALC, GALE, GALK1, GALNS, GALT, GAMT, GATM, GBA, GCDH, GCH1, GLA, GLB1, GLUD1, GNPTAB, GRHPR, GSS, GUSB, GYS2, HADH, HADHA, HADHB, HEXA, HLCS, HMGCL, HMGCS2, HNF4A, HOGA1, HPD, HSD3B2, HSD3B7, IDS, IDUA, IGSF1, INS, IVD, IYD, KCNJ11, LAMP2, LDLR, LHX3, LIPA, LMBRD1, LPL, MAN2B1, MAT1A, MC2R, MCCC1, MCCC2, MCEE, MLYCD, MMAA, MMAB, MMACHC, MMADHC, MPI, MTR, MTRR, MTPP, MUT, NAGS, NPC1, NR0B1, OTC, PAH, PAX8, PCBD1, PCCA, PCCB, PHEX, PHGDH, PKLR, POR, POU1F1, PPT1, PROP1, PTS, PYGL, QDPR, SCNN1A, SCNN1B, SLC22A5, SLC25A13, SLC25A15, SLC25A20, SLC2A1, SLC34A3, SLC37A4, SLC39A4, SLC5A5, SLC7A7, SMPD1, SPR, STAR, SURF1, TAT, TCN2, TG, TH, THRA, TPO, TPP1, TRHR, TRMU, TSHB, TSHR, UGT1A1, VDR



## Vision Loss

GPR143, HPS1, HPS4, OAT, OPA1, SLC45A2



## Other

ANKH, CFTR, COL1A1, COL1A2, COL4A3, COL4A4, COL4A5, CRLF1, MEFV, NTRK1, PKD2, PKHD1, SMN1, SMN2, TCIRG1, TTPA