

Szemészeti (Ophthalmology) génpanel v:2025-05-23

Panel tartalma 720 gén:

ABCA4, ABCB6, ABCC6, ABHD12, ACBD5, ACO2, ACTB, ACTG1, ACVR1, ADAM9, ADAMTS10, ADAMTS17, ADAMTS18, ADAMTS2, ADAMTSL4, ADGRV1, ADIPOR1, AFG3L2, AGLB1, AGLB5, AGK, AGPS, AHI1, AHR, AIPL1, AIRE, ALDH18A1, ALDH1A3, ALDH3A2, ALMS1, ALPK1, AMACR, ANAPC1, AP3B1, AP3B2, AP5B1, AP5M1, AP5Z1, APTX, ARHGAP31, ARHGEF18, ARL13B, ARL2, ARL2BP, ARL3, ARL6, ARMC9, ARR3, ARSG, ASB10, ASRGL1, ASXL1, ATAD3A, ATF6, ATG7, ATOH7, ATXN7, AUH, B3GALT6, B3GLCT, B9D1, B9D2, BBS1, BBS10, BBS12, BBS2, BBS4, BBS5, BBS7, BBS9, BCOR, BEST1, BFSP1, BFSP2, BLOC1S1, BLOC1S3, BLOC1S6, BMP4, BORCS8, BSG, BTBD9, C12orf57, C19orf12, C19orf44, C1QTNF5, C2CD3, CA4, CABP4, CACNA1F, CACNA2D4, CANT1, CAPN15, CAPN5, CARS1, CBS, CC2D2A, CCDC28B, CCT2, CDH23, CDH3, CDHR1, CDK9, CENPF, CEP104, CEP120, CEP164, CEP19, CEP250, CEP290, CEP41, CEP78, CERKL, CFAP20, CFAP410, CFAP418, CFH, CHD7, CHM, CHMP4B, CHRDL1, CHST14, CHST6, CIB2, CISD2, CLCC1, CLCN7, CLDN19, CLEC3B, CLN3, CLN5, CLN6, CLN8, CLPB, CLRN1, CLUAP1, CNGA1, CNGA3, CNGB1, CNGB3, CNNM4, COG4, COL11A1, COL11A2, COL18A1, COL2A1, COL4A1, COL5A1, COL8A2, COL9A1, COL9A2, COL9A3, COPB1, COQ2, COQ5, COQ8B, COX7B, CPAMD8, CPLANE1, CPSF1, CRB1, CREBBP, CRX, CRYAA, CRYAB, CRYBA1, CRYBA4, CRYBB1, CRYBB2, CRYBB3, CRYGB, CRYGC, CRYGD, CRYGS, CTC1, CTDP1, CTNNA1, CTNNB1, CTNND1, CTSD, CTSH, CWC27, CYP1B1, CYP27A1, CYP2R1, CYP4V2, CYP51A1, CSPP1, DCN, DCT, DDX58, DDX59, DGUOK, DHCR7, DHDDS, DHX38, DKC1, DMD, DNA2, DNAJC19, DNAJC30, DNMI1, DNMBP, DOCK6, DRAM2, DTNBP1, DYNC2H1, DYRK1A, DZIP1, EDN3, EDNRB, EFEMP1, EIF2B2, ELOVL1, ELOVL4, ENPP1, EPHA2, EPHB2, EPRS1, ERBB3, ERCC1, ERCC2, ERCC3, ERCC5, ERCC6, ERCC8, ESPN, EXOSC2, EYA1, EYS, FAM126A, FAM149B1, FAM161A, FAR1, FAT1, FBN1, FBN2, FDXR, FGFR3, FKBP14, FLVCR1, FOSL2, FOXC1, FOXD3, FOXE3, FOXL2, FRAS1, FREM1, FREM2, FRMD7, FSCN2, FTL, FYCO1, FZD4, FZD5, GALE, GALK1, GALM, GALT, GBA, GCNT2, GDF3, GDF6, GEMIN4, GFER, GJA1, GJA3, GJA8, GLI3, GLS, GNAT1, GNAT2, GNB3, GNPAT, GNPTG, GPATCH11, GPR143, GPR179, GRIP1, GRK1, GRM6, GRN, GSN, GTF2H5, GUCA1A, GUCA1B, GUCY2D, GZF1, HARS1, HCCS, HESX1, HEXA, HGSNAT, HIKESHI, HK1, HMBS, HMX1, HPS1, HPS3, HPS4, HPS5, HPS6, HS6ST2, HSD17B10, HSF4, HTRA2, HYLS1, IDH3A, IDH3B, IDH3G, IFIH1, IFT140, IFT172, IFT27, IFT74, IFT81, IGBP1, IKBKG, IMPDH1, IMPG1, IMPG2, INPP5E, INPP5K, INTS1, IQCB1, IRX5, ISCA2, JAG1, JAM3, KATNIP, KCNJ13, KCNV2, KERA, KIAA0586, KIAA1549, KIF11, KIF3B, KIF7, KIT, KIZ, KLHL7, KMT2D, KRT12, KRT3, LAMA1, LAMP2, LCA5, LCAT, LEMD2, LEP, LEPR, LETM1, LHX2, LIG3, LIM2, LMX1B, LONP1, LOXL1, LOXL3, LRAT, LRIT3, LRMDA, LRP2, LRP5, LRPAP1, LRRC32, LRRC8C, LSS, LTBP2, LZTFL1, LYST, MAB21L2, MAF, MAG, MAK, MAN2B1, MAPKAPK3, MC1R, MCAT, MCOLN1, MECR, MED12, MED27, MERTK, MFF, MFN2, MFRP, MFSD8, MIEF1, MIP, MIR184, MIR204, MITF, MKKS, MKS1, MLPH, MMACHC, MMADHC, MPDZ, MSMO1, MSTO1, MTRFR, MTTP, MVK, MYCBP2, MYH9, MYO5A, MYO7A, MYOC, MYRF, NAA10, NACC1, NBAS, NDP, NDUFA12, NDUFAF7, NEUROD1, NF2, NHS, NIPBL, NMNAT1, NPHP1, NPHP3,

NPHP4, NR0B2, NR2E3, NR2F1, NRL, NTF4, NUP188, NYX, OAT, OCA2, OCRL, OFD1, OPA1, OPA3, OPN1LW, OPN1MW, OPN1SW, OPTN, OSTM1, OTX2, OVOL2, P3H2, P4HA1, P4HA2, PACS1, PAK2, PANK2, PANK4, PAX2, PAX3, PAX6, PCARE, PCDH15, PCYT1A, PDE6A, PDE6B, PDE6C, PDE6G, PDE6H, PDSS1, PDXK, PDZD7, PEX1, PEX10, PEX11B, PEX12, PEX13, PEX14, PEX16, PEX19, PEX2, PEX26, PEX3, PEX5, PEX6, PEX7, PGK1, PGRMC1, PHF6, PHYH, PIGL, PIK3C2A, PIK3R1, PIK3R5, PIKFYVE, PITPNM3, PITX2, PITX3, PLA2G5, PLK4, PLOD1, PLOD3, PMM2, PNKP, PNPLA6, POC1B, POC5, POLG, POLG2, POLR3B, POMC, POMGNT1, POMGNT2, POMT1, PORCN, PPARG, PPT1, PQBP1, PRCD, PRDM13, PRDM5, PRIMPOL, PRKCG, PROM1, PRPF3, PRPF31, PRPF4, PRPF6, PRPF8, PRPH2, PRPS1, PRSS56, PSMC3, PUF60, PXDN, PYGM, RAB18, RAB27A, RAB28, RAB3GAP1, RAB3GAP2, RARB, RAX, RAX2, RBP3, RBP4, RCBTB1, RD3, RDH11, RDH12, RDH5, REEP6, RGR, RGS9, RGS9BP, RHO, RIC1, RIMS1, RIMS2, RLBP1, RNU4ATAC, ROM1, RP1, RP1L1, RP2, RP9, RPE65, RPGR, RPGRIP1, RPGRIP1L, RRM2B, RS1, RTN4IP1, SAG, SALL4, SAMD11, SAMD7, SBF2, SC5D, SCAPER, SCLT1, SCO2, SDCCAG8, SEMA4A, SERAC1, SETX, SGSH, SH3PXD2B, SHH, SIL1, SIPA1L3, SIX3, SIX6, SLC16A12, SLC24A1, SLC24A5, SLC25A4, SLC25A46, SLC2A1, SLC33A1, SLC37A3, SLC38A8, SLC39A5, SLC44A1, SLC45A2, SLC4A11, SLC52A2, SLC66A1, SLC6A6, SLC7A14, SLC9A6, SLITRK6, SMCHD1, SMG8, SMO, SMOC1, SMS, SNAI2, SNF8, SNRNP200, SNX10, SOX10, SOX2, SPATA7, SPG7, SPP2, SPTLC1, SRD5A3, SREBF1, SSBP1, STN1, STRA6, STX3, SUFU, SUMF1, TACSTD2, TBC1D20, TBC1D24, TBC1D32, TBK1, TCIRG1, TCTN1, TCTN2, TCTN3, TDRD7, TEK, TENM3, TFAP2A, TFG, TGFBI, TGFBR1, TGFBR2, THRB, TIMM50, TIMM8A, TIMP3, TINF2, TK2, TKFC, TLCD3B, TMEM107, TMEM126A, TMEM138, TMEM216, TMEM218, TMEM231, TMEM237, TMEM67, TMEM70, TMEM98, TNFRSF11A, TNFRSF21, TNFSF11, TOPORS, TPP1, TRAF3IP1, TREX1, TRIM32, TRNT1, TRPM1, TSPAN12, TTC21B, TTC8, TTLL5, TTPA, TUB, TUBB4B, TUBGCP4, TUBGCP6, TULP1, TWNK, TYMP, TYR, TYRP1, UBAP1L, UBIAD1, UCHL1, UNC119, USH1C, USH1G, USH2A, USP45, VCAN, VIM, VPS13B, VPS35L, VPS4A, VSX1, VSX2, VWA8, WDPCP, WDR19, WDR36, WFS1, WHRN, WRN, XYLT1, XYLT2, YAP1, ZEB1, ZFYVE26, ZIC2, ZNF408, ZNF423, ZNF469, ZNF513, ZNF526, ZNF644

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