

Autizmus (Autism) génpanel v:2022.01.27.

Panel tartalma 827 gén:

ABAT, ABCA10, ABCA13, ABCA7, ACE, ACHE, ACTB, ACTN4, ADA, ADCY3, ADCY5, ADK, ADNP, ADORA2A, ADORA3, ADRB2, ADSL, AFF2, AGAP1, AGAP2, AGBL4, AGMO, AGO1, AGTR2, AHDC1, AKAP9, ALDH5A1, AMPD1, AMT, ANK2, ANK3, ANKRD11, ANKS1B, ANXA1, AP1S2, APBA2, APBB1, APH1A, AR, ARHGAP11B, ARHGAP32, ARHGAP5, ARHGEF10, ARHGEF6, ARHGEF9, ARID1B, ARNT2, ARX, ASAP2, ASH1L, ASMT, ASPM, ASTN2, ASXL3, ATP10A, ATP1A1, ATP1A3, ATP2B2, ATP6V0A2, ATRX, AUTS2, AVPR1A, AVPR1B, AZGP1, BAZ2B, BBS4, BCAS1, BCKDK, BCL11A, BDNF, BICDL1, BIRC6, BRAF, BRCA2, BRD4, BRSK2, BST1, BTAF1, C12ORF4, C12orf57, C15orf62, C3orf58, C4B, CA6, CACNA1B, CACNA1C, CACNA1D, CACNA1E, CACNA1F, CACNA1G, CACNA1H, CACNA1I, CACNA2D1, CACNA2D3, CACNB2, CADM1, CADM2, CADPS2, CAMK2A, CAMK4, CAPN12, CAPRIN1, CARD11, CASC4, CASK, CC2D1A, CCDC88C, CCDC91, CCNG1, CCT4, CD276, CD38, CD99L2, CDC42BPB, CDH10, CDH11, CDH13, CDH22, CDH8, CDH9, CDKL5, CECR2, CELF4, CELF6, CEP135, CEP290, CEP41, CGNL1, CHAMP1, CHD1, CHD2, CHD3, CHD7, CHD8, CHMP1A, CHRM3, CHRMA7, CHRNA7, CHRN3, CIB2, CIC, CLASP1, CLN8, CLTCL1, CMIP, CNGB3, CNKSR2, CNOT3, CNR1, CNTN3, CNTN4, CNTN5, CNTN6, CNTNAP2, CNTNAP3, CNTNAP4, CNTNAP5, COL28A1, COL4A3BP, CPEB4, CPT2, CREBBP, CTCF, CTNNA3, CTNNB1, CTNND2, CTTNBP2, CUL3, CUL7, CUX1, CUX2, CX3CR1, CYFIP1, CYLC2, CYP11B1, CSDE1, CSMD1, CSNK1E, CSNK2A1, DAGLA, DAPP1, DDC, DDX3X, DDX53, DEAF1, DENR, DHCR7, DIP2A, DIP2C, DISC1, DIXDC1, DLG1, DLG4, DLGAP1, DLGAP2, DLGAP3, DLX2, DLX6, DMD, DMXL2, DNAH10, DNAH17, DNAH3, DNER, DNMT3A, DOCK1, DOCK4, DOCK8, DPP10, DPP4, DPP6, DPYD, DPYSL2, DPYSL3, DRD1, DRD2, DRD3, DSCAM, DST, DUSP15, DVL3, DYDC1, DYDC2, DYNC1H1, DYRK1A, EBF3, EFR3A, EHMT1, EIF3G, EIF4E, ELAVL2, ELAVL3, ELOVL2, ELP4, EMSY, EN2, EP300, EP400, EPC2, EPHB2, EPPK1, ERBIN, ERG, ERMN, ESR2, ESRRB, ETFB, EXOC3, EXOC5, EXOC6, EXOC6B, EXT1, FAAH2, FABP5, FAM47A, FAM92B, FAN1, FAT1, FBN1, FBXO11, FBXO33, FBXO40, FCRL6, FEZF2, FGA, FGD1, FHIT, FMR1, FOLR1, FOXG1, FOXP1, FOXP2, FRK, GABBR2, GABRA4, GABRB3, GABRG3, GALNT13, GALNT14, GALNT8, GAMT, GAS2, GATM, GDA, GGNBP2, GIGYF1, GIGYF2, GLIS1, GLO1, GLRA2, GNAS, GNB1L, GPC4, GPC6, GPD2, GPHN, GPR37, GPR85, GPX1, GRIA1, GRID1, GRID2, GRID2IP, GRIK2, GRIK3, GRIK4, GRIK5, GRIN1, GRIN2A, GRIN2B, GRIP1, GRM5, GRM7, GRPR, GSPT2, GSTM1, GTF2I, GUCY1A2, HCN1, HDLBP, HECTD4, HECW2, HIVEP2, HIVEP3, HLA-A, HLA-B, HLA-DRB1, HLA-G, HMGN1, HNRNPH2, HNRNPU, HOMER1, HOXA1, HPRT1, HRAS, HS3ST5, HSD11B1, HTR1B, HTR3A, HTR3C, HUWE1, HYDIN, ICA1, IL1R2, IL1RAPL1, IL1RAPL2, ILF2, IMMP2L, INPP1, INTS6, IQGAP3, IQSEC2, IRF2BPL, ITGB3, ITPR1, JARID2, JMJD1C, KANK1, KANS1, KAT2B, KAT6A, KATNAL1, KATNAL2, KCNB1, KCND2, KCND3, KCNJ10, KCNJ15, KCNK7, KCNMA1, KCNQ2, KCNQ3, KCTD13, KDM3B, KDM4B, KDM4C, KDM5B, KDM5C, KDM6A, KDM6B, KHDRBS2, KIAA1586, KIF13B, KIF14, KIF5C, KIRREL3, KLF16, KMT2A, KMT2C, KMT2E, KMT5B, KRAS, KRR1, KRT26, L1CAM, LAMA1, LAMB1, LAMC3, LEO1, LEP, LILRB2, LIN7B, LMX1B, LRBA, LRFN2, LRFN5, LRP2, LRRC1, LRRC4, LZTR1, LZTS2, MACROD2, MAGEL2,

MAOA, MAOB, MAPK3, MARK1, MBD1, MBD3, MBD4, MBD5, MBD6, MBOAT7, MCM4, MCM6, MCPH1, MDGA2, MEC2, MED12, MED13, MED13L, MEF2C, MEGF10, MEGF11, MEIS2, MET, MFRP, MIB1, MID1, MIR137, MKL2, MNT, MPP6, MSANTD2, MSR1, MTF1, MTHFR, MTOR, MUC12, MUC4, MYH10, MYH4, MYO16, MYO1E, MYO5A, MYO5C, MYO9B, MYT1L, NAA15, NAALADL2, NACC1, NAV2, NBEA, NCKAP1, NCKAP5, NCOR1, NDP, NDUFA5, NEGR1, NEO1, NEXMIF, NF1, NFIA, NFIB, NFIX, NHS, NINL, NIPA1, NIPA2, NIPBL, NLGN1, NLGN2, NLGN3, NLGN4X, NLGN4Y, NOTCH2NL, NPAS2, NR1D1, NR2F1, NR3C2, NR4A2, NRCAM, NRP2, NRXN1, NRXN2, NRXN3, NSD1, NSDHL, NSMCE3, NTNG1, NTRK1, NTRK3, NUA1, NUDCD2, NUP133, NXPH1, OCRL, ODF3L2, OFD1, OPHN1, OR1C1, OR2M4, OR2T10, OR52M1, OTUD7A, OTX1, OXT, OXTR, P2RX5, P4HA2, PACS1, PAFAH1B1, PAH, PAK2, PARD3B, PATJ, PAX5, PCDH10, PCDH11X, PCDH15, PCDH19, PCDH9, PCDHA1, PCDHA10, PCDHA11, PCDHA12, PCDHA13, PCDHA2, PCDHA3, PCDHA4, PCDHA5, PCDHA6, PCDHA7, PCDHA8, PCDHA9, PCDHAC1, PCDHAC2, PDCD1, PDE10A, PDE1C, PDE4D, PER1, PER2, PEX7, PHB, PHF2, PHF21A, PHF3, PHF6, PHIP, PHRF1, PIK3CG, PIP5K1B, PITX1, PLAUR, PLCB1, PLN, PLXNA3, PLXNA4, PLXNB1, PNKP, PNPLA7, POGZ, POLA2, POMGNT1, POMT1, PON1, PON3, POT1, PPF1A1, PPM1D, PPP1CB, PPP1R1B, PPP2R1B, PPP2R5D, PQBP1, PREX1, PRICKLE1, PRICKLE2, PRKCB, PRKDC, PRKN, PRODH, PRPF39, PRR12, PRUNE2, PSD3, PSMD12, PTBP2, PTCHD1, PTEN, PTGS2, PTK7, PTPN11, PTPRB, PTPRC, PTPRT, PXDN, PYHIN1, QRICH1, RAB11FIP5, RAB2A, RAB39B, RAB43, RAD21, RAD21L1, RAF1, RAI1, RANBP17, RAPGEF4, RASSF5, RBFOX1, RBM27, REEP3, RELN, RERE, RFX3, RGS7, RHOF1, RIMS1, RIMS3, RIT2, RNF135, RNF38, ROBO2, RORA, RPL10, RPS6KA2, RPS6KA3, SAE1, SAMD11, SASH1, SATB2, SBF1, SCFD2, SCN1A, SCN2A, SCN4A, SCN8A, SCN9A, SCP2, SDC2, SEMA5A, SERPINE1, SETBP1, SETD1B, SETD2, SETD5, SETDB1, SETDB2, SEZ6L2, SGSH, SGSM3, SHANK1, SHANK2, SHANK3, SHOX, SIN3A, SLC12A5, SLC16A2, SLC1A1, SLC22A15, SLC22A9, SLC24A2, SLC25A12, SLC25A27, SLC25A39, SLC27A4, SLC29A4, SLC35B1, SLC38A10, SLC4A10, SLC6A1, SLC6A3, SLC6A4, SLC6A8, SLC7A3, SLC7A5, SLC7A7, SLC9A6, SLC9A9, SLC10B3, SLITRK5, SMAD4, SMARCA4, SMARCC2, SMC1A, SMC3, SMG6, SNAP25, SND1, SNRPN, SNTG2, SOD1, SON, SOX5, SPARCL1, SPAST, SPP2, SRCAP, SRGAP3, SRSF11, SSPO, SSRP1, ST7, ST8SIA2, STK3, STK39, STX1A, STXBP1, STXBP5, STYK1, SYAP1, SYN1, SYN2, SYNCRIP, SYNE1, SYNGAP1, SYNJ1, SYT17, TAF1C, TAF6, TANC2, TAOK1, TAOK2, TBC1D20, TBC1D31, TBC1D5, TBCK, TBL1X, TBL1XR1, TBR1, TBX1, TCF20, TCF4, TCF7L2, TDO2, TECTA, TERB2, TERF2, TET2, THBS1, THRA, TLK2, TM4SF19, TMLHE, TMPRSS9, TNRC6B, TOP3B, TPO, TRAF7, TRAPPC9, TRIM33, TRIO, TRIP12, TRPC6, TRPM1, TSC1, TSC2, TSHZ3, TSPAN17, TSPAN7, TSPOAP1, TTC25, TTN, TUBGCP5, UBE2H, UBE3A, UBE3C, UBN2, UBR5, UNC13A, UNC79, UNC80, UPF3B, USH2A, USP15, USP45, USP7, USP9Y, VAMP2, VASH1, VDR, VIL1, VPS13B, VSIG4, WAC, WASF1, WDFY3, WNK3, WNT1, WWOX, XPO1, YEATS2, YTHDC2, YWHAE, ZBTB16, ZBTB20, ZC3H4, ZEB2, ZMYND11, ZNF18, ZNF292, ZNF385B, ZNF407, ZNF462, ZNF507, ZNF517, ZNF548, ZNF559, ZNF626, ZNF713, ZNF774, ZNF804A, ZNF827, ZNHIT6, ZWILCH, ZSWIM6.

Forrás:

Autism (Version 0.22)

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Autism Spectrum Disorders Panel

<https://blueprintgenetics.com/tests/panels/neurology/autism-spectrum-disorders-panel/>

(Megtekintve: 2022.01.27.)

Autism Spectrum Disorders (ASD) Panel

<https://www.preventiongenetics.com/testInfo?val=Autism+Spectrum+Disorders+%28ASD%29+Panel> (Megtekintve: 2022.01.27.)

Autism NGS Panel

<https://www.fulgentgenetics.com/Autism> (Megtekintve: 2022.01.27.)