Seznam genů zahrnutých ve virtuálním panelu – Endokrinní poruchy (FocusedExome)

Virtuální panel zahrnuje analýzu 486 genů:

AAAS, AARS2, ABCC6, ABCC8, ACADM, ACE, ACP5, ADA, ADD1, AGPAT2, AGT, AGTR1, AIP, AIRE, AKT1, AKT2, ALB, ALMS1, AMH, AMHR2, ANKRD11, ANOS1, APC, AQP2, AR, ARL6, ARVCF, ARX, ATP2B3, ATP7B, ATRX, AVP, AVPR1B, BBIP1, BBS1, BBS12, BBS2, BBS4, BBS5, BBS7, BBS9, BCOR, BLM, BMP15, BMP4, BMPR1B, BRAF, BSCL2, BSND, BUB1B, CACNA1C, CACNA1D, CACNA1H, CARD9, CASR, CBL, CCDC8, CD19, CD81, CDC6, CDC73, CDKN1A, CDKN1B, CDKN1C, CDKN2B, CDKN2C, CDON, CDT1, CEL, CENPJ, CEP290, CEP57, CISD2, CLCN2, CLCNKA, CLCNKB, CLDN16, CLEC7A, CLPP, COMT, CP, CPE, CR2, CREBBP, CRH, CTLA4, CTNS, CUL4B, CUL7, CYB5A, CYP11A1, CYP11B1, CYP11B2, CYP17A1, CYP19A1, CYP21A2, DCAF17, DCLRE1C, DHCR7, DHH, DHX37, DICER1, DISP1, DLL1, DUOX2, DUOXA2, EFEMP2, EGFR, EIF2AK3, EIF2B1, EIF2B4, EIF2B5, EIF2S3, ELN, ENPP1, EP300, ERCC6, ERCC8, ESR2, FAM111A, FAM111B, FANCA, FANCB, FANCC, FANCD2, FANCE, FANCF, FANCG, FANCI, FANCL, FANCM, FBLN5, FGD1, FGF8, FGFR1, FGFR2, FH, FIGLA, FMR1, FOXA2, FOXE1, FOXH1, FOXI1, FOXL2, FOXP3, FSHB, FSHR, FUCA1, GABRD, GALT, GAS1, GATA1, GATA3, GATA4, GATA6, GCK, GCM2, GDF9, GFAP, GHR, GHRHR, GHRL, GIPR, GLI2, GLI3, GLIS3, GLUD1, GNAS, GNRH1, GNRHR, GP1BB, GPC3, GTF2I, GTF2IRD1, H19, HADH, HADHA, HADHB, HAMP, HARS2, HBB, HDAC8, HESX1, HFE, HJV, HHAT, HIRA, HK1, HLA-DPB1, HNF1A, HNF1B, HNF4A, HOXA13, HPD, HRAS, HSD11B1, HSD11B2, HSD17B3, HSD17B4, HSD3B2, CHD7, CHGA, ICOS, IER3IP1, IFT172, IGF1, IGF1R, IGFALS, IGSF1, IL17F, IL17RA, IL17RD, IL2RA, IL2RG, IL6R, IL7R, INPP5E, INS, INSR, IRS4, IRX5, IYD, KANSL1, KAT6B, KCNAB2, KCNJ1, KCNJ10, KCNJ11, KCNJ5, KCNQ1OT1, KDM6A, KISS1R, KLB, KLLN, KMT2D, KRAS, LARS2, LEP, LEPR, LHCGR, LHX3, LHX4, LIFR, LIG4, LIMK1, LIPE, LMNA, LRBA, LRP4, LZTFL1, MAGEL2, MAMLD1, MAP2K1, MAP2K2, MAP3K1, MAX, MC2R, MC4R, MCM4, MEN1, MKKS, MKS1, MLH1, MNX1, MRAP, MS4A1, MSH2, MSH4, MSH5, MSH6, MYT1L, NAA10, NBN, NEBL, NEUROD1, NEUROG3, NF1, NFKB1, NFKB2, NIN, NIPBL, NKX2-1, NKX2-5, NKX2-6, NNT, NOBOX, NODAL, NOG, NPHP1, NPHS1, NPPA, NR0B1, NR3C1, NR3C2, NR5A1, NRAS, NSD1, NSMF, NTRK2, OBSL1, OCRL, ORC1, ORC4, ORC6, OTX2, PAX6, PAX8, PBX1, PCBD1, PCNT, PCSK1, PCYT1A, PDE11A, PDE3A, PDE4D, PDX1, PGRMC1, PHF6, PHIP, PIK3CA, PIK3R1, PITX2, PLIN1, PMM2, PMS2, PNPLA6, POF1B, POLD1, POLE, POLG, POLR3H, POMC, POR, POU1F1, POU5F1, PPARG, PRDM16, PRKAR1A, PRKCD, PRL, PROK2, PROKR2, PROP1, PRRT2, PRSS8, PSMC3IP, PTEN, PTF1A, PTH, PTHLH, PTCH1, PTPN11, PTRH2, RAD21, RAF1, RAG1, RAG2, RAI1, RBBP8, REN, RET, RFC2, RFX6, RIT1, RMRP, RNU4ATAC, ROR2, RPL10, RPS6KA3, RSPO1, RUNX2, SALL1, SAMD9, SCN4A, SCNN1A, SCNN1B, SCNN1G, SDCCAG8, SDHA, SDHAF2, SDHB, SDHC, SDHD, SEC23B, SECISBP2, SEMA3E, SERPINA6, SETBP1, SH2B1, SHH, SHOC2, SIM1, SIX3, SKI, SLC12A1, SLC12A3, SLC16A1, SLC16A2, SLC19A2, SLC20A2, SLC26A3, SLC26A4, SLC29A3, SLC2A2, SLC3A1, SLC40A1, SLC52A2, SLC5A5, SLC7A9, SMC1A, SMC3, SOHLH1, SOS1, SOX10, SOX2, SOX3, SOX9, SPRY4, SRCAP, SRD5A2, SRY, SST, STAR, STAT1, STAT3, STAT5B, STX16, SULT2A1, SYP, TAC3, TACR3, TBCE, TBL1X, TBX1, TBX19, TBX2, TBX3, TCF12, TDGF1, TF, TFR2, TG, TGFB1, TGIF1, THRA, THRB, TMEM127, TNFRSF13B, TNFRSF13C, TNFSF12, TOE1, TP53, TP63, TPO, TRAF3IP2, TRH, TRHR, TRIM32, TRIM37, TRPM6, TSC1, TSC2, TSHB, TSHR, TSPYL1, TTC8, TTR, TUBB1, UBR1, UCP2, VHL, VIPAS39, VPS13B, VPS33B, WDPCP, WDR11, WFS1, WNK1, WNK4, WRN, WT1, XRCC4, ZFP57, ZFPM2, ZIC2, ZMPSTE24