Genpanel Skelettsjukdomar (671 gener):

ABCC9, ACACA, ACAN, ACP5, ACTB, ACTG1, ACVR1, ADAMTS10, ADAMTS17, ADAMTSL2, ADGRG6, ADI1, AFF3, AFF4, AGA, AGPS, AGRN, AIFM1, AKT1, AKT2, ALG12, ALG3, ALG9, ALMS1, ALPL, ALX1, ALX3, ALX4, AMER1, ANAPC1, ANAPC5, ANKH, ANKRD11, ANO5, ANTXR2, APC2, ARCN1, ARHGAP25, ARHGAP31, ARID1A, ARID1B, ARSB, ARSE, ARSK, ASAH1, ASXL1, ATP6V0A2, ATP7A, ATR, AXIN1, B3GALT6, B3GAT3, B3GLCT, B4GALT6, B4GALT7, B9D1, B9D2, BANF1, BBS1, BCL11B, BGN, BHLHA9, BMP1, BMP2, BMP4, BMPER, BMPR1B, BNIP1, C21ORF2, C2CD3, C5orf42, CA2, CANT1, CASR, CBFB, CC2D2A, CCDC134, CCDC22, CCDC8, CDC45, CDC6, CDC73, CDH3, CDK10, CDK5RAP2, CDKN1C, CDT1, CENPE, CENPJ, CEP120, CEP152, CEP290, CEP63, CHST11, CHST14, CHST3, CHSY1, CILK1, CKAP2L, CLCN5, CLCN7, CNOT2, COG1, COG4, COL10A1, COL11A1, COL11A2, COL1A1, COL1A2, COL27A1, COL2A1, COL9A1, COL9A2, COL9A3, COLEC10, COLEC11, COMP, COPB1, COPB2, CREB3L1, CREBBP, CRIPT, CRTAP, CSF1R, CSGALNACT1, CSPP1, CTSA, CTSC, CTSK, CUL4B, CUL7, CYP26B1, CYP27B1, CYP2R1, CYP3A4, DDR2, DDRGK1, DDX58, DDX59, DHCR24, DHCR7, DHODH, DICER1, DIP2C, DIS3L2, DLL3, DLL4, DLX3, DLX5, DLX6, DMP1, DNA2, DNAJC21, DNMT3A, DOCK6, DOLPP1, DONSON, DPM1, DPM2, DPM3, DSE, DVL1, DVL3, DYM, DYNC2H1, DYNC2LI1, EBP, EDN1, EDNRA, EED, EFL1, EFNB1, EFTUD2, EIF2AK3, EIF4A3, ELMO2, EN1, ENPP1, EOGT, EP300, EPS15L1, ERF, ERI1, ESCO2, ESR1, ETF1, EVC, EVC2, EXOC6B, EXT1, EXT2, EXTL3, EZH2, FAM111A, FAM149B1, FAM20B, FAM20C, FAM24A, FAM58A, FANCB, FAR1, FBLIM1, FBLN1, FBN1, FBN2, FBXW4, FERMT3, FGD1, FGF10, FGF16, FGF21, FGF23, FGF8, FGF9, FGFR1, FGFR2, FGFR3, FIG4, FKBP10, FKBP14, FLNA, FLNB, FMN1, FN1, FOXC1, FUCA1, FUZ, FZD2, GALNS, GALNT3, GBA1, GCM2, GDF3, GDF5, GDF6, GH1, GHR, GINS2, GJA1, GLB1, GLI1, GLI2, GLI3, GMNN, GNAI2, GNAI3, GNAS, GNPAT, GNPNAT1, GNPTAB, GNPTG, GNS, GORAB, GPC3, GPC4, GPC6, GPX4, GREM1, GRK2, GSC, GUSB, GZF1, H3-3A, HAAO, HAGLR, HDAC4, HDAC6, HDAC8, HES7, HGSNAT, HHAT, HNRNPC, HNRNPK, HOXA11, HOXA13, HOXD13, HPGD, HRAS, HS2ST1, HSPA9, HSPG2, HYAL1, HYLS1, IARS2, ID4, IDH1, IDH2, IDS, IDUA, IFIH1, IFITM5, IFT122, IFT140, IFT172, IFT43, IFT52, IFT57, IFT74, IFT80, IFT81, IHH, IKBKG, IL11RA, IL1RN, IL6ST, IMPAD1, INPPL1, INTU, KAT6A, KAT6B, KCNJ2, KDELR2, KDM6A, KIAA0586, KIAA0753, KIAA0825, KIF22, KIF5B, KIF7, KL, KMT2D, KYNU, LAMA5, LARP7, LBR, LEMD3, LFNG, LIFR, LMBR1, LMNA, LMX1B, LONP1, LOXL3, LPIN2, LRP1, LRP4, LRP5, LRP6, LRRK1, LTBP1, LTBP2, LTBP3, LYSET, MAB21L2, MAFB, MAN2B1, MAN2C1, MANBA, MAP2K1, MAP3K20, MAP3K7, MAPKAPK5, MASP1, MATN3, MBTPS1, MBTPS2, MCM3, MCM5, MCM7, MECOM, MEGF8, MEOX1, MESD, MESP2, MET, MGP, MID1, MIR140, MIR17HG, MKS1, MMP13, MMP14, MMP2, MMP9, MNX1, MPDU1, MSX2, MTAP, MTX2, MYCN, MYH3, MYO18B, NADSYN1, NAGLU, NANS, NBAS, NEK1, NEK9, NEPRO, NEU1, NF1, NFIX, NIN, NIPBL, NKX3-2, NLRP3, NMNAT1, NOG, NOTCH1, NOTCH2, NPHP3, NPPC, NPR2, NPR3, NRAS, NSD1, NSDHL, NSMCE2, NXN, OBSL1, OFD1, ORC1, ORC4, ORC6, OSTM1, P3H1, P4HB, PAM16, PAN2, PAPSS2, PAX3, PCNT, PCSK5, PCYT1A, PDE3A, PDE4D, PDGFRB, PEX5, PEX7, PGAP3, PGM3, PHEX, PHF6, PHGDH, PIGQ, PIGT, PIGV, PIK3C2A, PIK3CA, PIK3R1, PIN1, PIR, PISD, PITX1, PKDCC, PLCB3, PLCB4, PLEKHM1, PLK4, PLOD1, PLOD2, PLS3, POC1A, POLE, POLR1A, POLR1B, POLR1C, POLR1D, POLR3A, POLR3B, POLR3GL, POP1, POR, PORCN, PPIB, PPP3CA, PRG4, PRKACA, PRKACB, PRKAR1A, PRKG2, PRMT7, PRRX1, PSAT1, PSPH, PTDSS1, PTH1R, PTHLH, PTPN11, PUF60, PYCR1, RAB23, RAB33B, RAB34, RAB3GAP2, RAC3, RAD21, RARG, RASGRP2, RBBP8, RBM10, RBM8A, RBPJ, RECQL4, RFLNA, RFT1, RIN1, RINT1, RIPPLY2, RMRP, RNU12, RNU4ATAC, ROR2, RPGRIP1L, RPL13, RSPO2, RSPRY1, RUNX2, SALL1, SALL4, SATB2, SBDS, SCARF2, SCUBE3, SEC23A, SEC24D, SEM1, SEMA3A, SERPINF1, SERPINH1, SETD2, SF3B4, SFRP4, SGK3, SGMS2, SGSH, SGSM2, SH3BP2, SH3PXD2B, SHH, SHOX, SIK3, SIX1, SIX2, SKI, SLC10A7, SLC13A1, SLC17A5, SLC25A24, SLC26A2, SLC29A3, SLC34A1, SLC34A3, SLC35A2, SLC35B2, SLC35D1, SLC39A13, SLC4A2, SLCO2A1, SLCO5A1, SMAD2, SMAD3, SMAD4, SMAD6, SMARCA2, SMARCA4, SMARCAL1, SMARCB1, SMARCE1, SMC1A, SMC3, SMCHD1, SMO, SMOC1, SMOC2, SMS, SNRPB, SNX10, SON, SOST, SOX11, SOX9, SP7, SPAG17, SPARC, SPECC1L, SQSTM1, SRCAP, SRP54, SUCO, SULF1, SUMF1, SUZ12, TAB2, TALDO1, TAPT1, TBC1D24, TBCE, TBX15, TBX3, TBX4, TBX5, TBX6, TBXAS1, TCF12, TCIRG1, TCOF1, TCTEX1D2, TCTN2, TCTN3, TENT5A, TERT, TFAP2B, TGDS, TGFB1, TGFB2, TGFB3, TGFBR1, TGFBR2, THOC6, THPO, TMCO1, TMEM165, TMEM216, TMEM231, TMEM263, TMEM38B, TMEM53, TMEM67, TNFRSF11A, TNFRSF11B, TNFSF11, TOGARAM1, TOMM7, TONSL, TOP2B, TP63, TRAF3IP1, TRAF7, TRAIP, TRAPPC2, TREM2, TRIM37, TRIP11, TRPS1, TRPV4, TRPV6, TTC21B, TWIST1, TXNL4A, TYROBP, UBA2, UFSP2, USP9X, VAC14, VDR, VPS33A, VPS35L, WDR19, WDR34, WDR35, WDR60, WISP3, WLS, WNT1, WNT10B, WNT3, WNT3A, WNT5A, WNT6, WNT7A, XRCC4, XYLT1, XYLT2, ZBTB16, ZIC1, ZIC3, ZMAT2, ZMPSTE24, ZNF462, ZSWIM6