

Alacsonynövés (Short stature) génpanel v:2022.02.15.

Panel tartalma 227 gén:

ACAN, ACTB, ACTG1, ALMS1, AMMECR1, ANAPC1, ANKRD11, ARCN1, ARID1A, ARID1B, ATR, ATRIP, ATRX, B3GAT3, BCS1L, BLM, BMP2, BRAF, BRCA2, BRF1, BRIP1, BTK, CBL, CCDC186, CCDC8, CDC45, CDC6, CDKN1C, CDT1, CENPJ, CEP152, CEP57, CEP63, CHD7, COG4, COL10A1, COL11A1, COL11A2, COL1A1, COL27A1, COL2A1, COL9A1, COL9A2, COL9A3, COMP, CREBBP, CRIPT, CUL7, DHCR7, DNA2, DOK7, DONSON, DVL1, EP300, EPHX1, ERCC4, ERCC6, ERCC8, EVC, EVC2, FANCA, FANCB, FANCC, FANCD2, FANCE, FANCF, FANCG, FANCI, FANCL, FANCM, FBN1, FGD1, FGF8, FGFR1, FGFR3, FN1, FOXP4, GGPS1, GH1, GHR, GHRHR, GHSR, GLI2, GLI3, GNAS, GPR161, H19, HDAC8, HESX1, HMGA2, HRAS, HSPG2, IDUA, IFT172, IGF1, IGF1R, IGF2, IGFALS, IGFBP1, IGFBP3, IHH, INSR, INTS1, INTS8, IRS1, KANSL1, KDM3B, KDM6A, KHDC3L, KMT2D, KRAS, LARP7, LFNG, LHX3, LHX4, LIG1, LIG4, LMNA, LZTR1, MAP2K1, MAP2K2, MAPK1, MATN3, MCM5, MRAS, MSTO1, MTX2, NBAS, NBN, NF1, NHLRC2, NIPBL, NLRP2, NLRP5, NLRP7, NOTCH2, NPPC, NRAS, NSMCE2, OBSL1, ORC1, ORC4, ORC6, OSGEP, OTX2, PADI6, PALB2, PAPP2, PCNT, PDE4D, PIK3R1, PISD, PITX2, PLAG1, PLK4, PNPLA6, POC1A, POP1, POU1F1, PPP1CB, PPP3CA, PRKAR1A, PRMT7, PROKR2, PROP1, PTH1R, PTPN11, PUF60, RAD21, RAD51, RAF1, RALA, RAP1B, RAS, RAS2, RBBP8, RIT1, RNPC3, RNU4ATAC, ROR2, RPL10, RPS6KA3, RRAS, RRAS2, RTTN, SAMD9, SETD5, SGMS2, SHOC2, SHOX, SHOX2, SLX4, SMARCA2, SMARCA4, SMARCA1, SMARCB1, SMARCE1, SMC1A, SMC3, SOS1, SOS2, SOX11, SOX2, SOX3, SOX9, SPRED1, SPRED2, SRCAP, STAT5B, TALDO1, TBCE, TBX19, TBX2, TBX3, THRB, TOP3A, TRIM37, TRMT10A, UBE2T, VPS50, WNT5A, WRN, XRCC4, XRCC4, ZFP57, ZNF668, ZPR1.

Forrás:

Growth failure in early childhood (Version 1.97)

<https://panelapp.genomicsengland.co.uk/panels/473/> (Megtekintve: 2022.02.15.)

Comprehensive Short Stature Syndrome Panel

<https://blueprintgenetics.com/tests/panels/malformations/comprehensive-short-stature-syndrome-panel/> (Megtekintve: 2022.02.15.)

Short Stature NGS Panel

<https://www.fulgentgenetics.com/Short-Stature> (Megtekintve: 2022.02.15.)

IUGR and IGF abnormalities (Version 1.49)

<https://panelapp.genomicsengland.co.uk/panels/131/> (Megtekintve: 2022.02.15.)