

Human Stem Cell Signaling PCR Array
Pluripotency Maintenance Pathway:
<u>Receptors:</u> IL6ST (GP130), LIFR.
<u>Transcription Factor:</u> STAT3.
Fibroblast Growth Factor (FGF) Signaling Pathway:
<u>Receptors:</u> FGFR1, FGFR2, FGFR3, FGFR4.
<u>Transcription Factor:</u> CDX2.
Hedgehog Signaling Pathway:
<u>Receptors & Co-Receptors:</u> PTCH1, PTCHD2, SMO.
<u>Transcription Factors & Co-Factors:</u> GLI1, GLI2, GLI3, SUFU.
Notch Signaling Pathway:
<u>Receptors & Co-Receptors:</u> NCSTN, NOTCH1, NOTCH2, NOTCH3, NOTCH4, PSENEN, PSEN1, PSEN2.
<u>Transcription Factor:</u> RBPJL.
TGFβ Superfamily Signaling Pathway:
<u>Receptors & Co-Receptors:</u> ACVRL1, ACVR1, ACVR1B, ACVR1C, ACVR2A, ACVR2B, AMHR2, BMPR1A, BMPR1B, BMPR2, ENG, LTBP1, LTBP2, LTBP3, LTBP4, RGMA, TGFBR1, TGFBR2, TGFBR3, TGFBRAP1.
<u>Transcription Factors & Co-Factors:</u> EP300, SMAD1, SMAD2, SMAD3, SMAD4, SMAD5, SMAD6, SMAD7, SMAD9, CREBBP, E2F5, RBL1, RBL2, SP1, ZEB2.
Wnt Signaling Pathway:
<u>Receptors:</u> FZD1, FZD2, FZD3, FZD4, FZD5, FZD6, FZD7, FZD8, FZD9, LRP5, LRP6, VANGL2.
<u>Transcription Factors & Co-Factors:</u> BCL9, BCL9L, CTNNB1, LEF1, NFAT5, NFATC1, NFATC2, NFATC3, NFATC4, PYGO2, TCF7L1, TCF7L2, TCF7.