

Human Signal Transduction PathwayFinder PCR Array
TGFβ Pathway: ATF4, CDKN1B (p27KIP1), EMP1, GADD45B, HERPUD1, IFRD1, MYC, TNFSF10 (TRAIL).
WNT Pathway: AXIN2, CCND1, CCND2, DAB2, FOSL1 (FRA-1), MMP7 (Matrilysin), MYC, PPARD, WISP1.
NFκB Pathway: BCL2A1 (Bfl-1/A1), BCL2L1 (BCL-X), BIRC3 (c-IAP1), CCL5 (RANTES), CSF1 (MCSF), ICAM1, IFNG, STAT1, TNF.
JAK/STAT Pathway:
<u>JAK1, 2 / STAT1:</u> IRF1.
<u>STAT3:</u> BCL2L1 (BCL-X), CCND1, CEBPD, LRG1, MCL1, SOCS3.
<u>STAT5:</u> BCL2L1 (BCL-X), CCND1, SOCS3.
<u>JAK1, 3 / STAT6:</u> FCER2, GATA3.
p53 Pathway: BAX, BBC3, BTG2, CDKN1A (p21CIP1/WAF1), EGFR, FAS (TNFRSF6), GADD45A, PCNA, RB1.
Notch Pathway: HES1, HES5, HEY1, HEY2, HEYL, ID1, JAG1, LFNG, NOTCH1.
Hedgehog Pathway: BCL2, BMP2, BMP4, PTCH1, WNT1, WNT2B, WNT3A, WNT5A, WNT6.
PPAR Pathway: ACSL3, ACSL4, ACSL5, CPT2, FABP1, OLR1, SLC27A4, SORBS1.
Oxidative Stress: FTH1, GCLC, GCLM, GSR, HMOX1, NQO1, SQSTM1, TXN, TXNRD1.
Hypoxia: ADM, ARNT, CA9, EPO, HMOX1, LDHA, SERPINE1 (PAI-1), SLC2A1, VEGFA.