

Human TNF Signaling Pathway PCR Array
TNF Superfamily Members:
<u>Induction of Apoptosis:</u> FASLG, LTA, TNFSF10, TNFSF14, TNFSF8.
<u>Caspase Activation:</u> TNFSF15.
<u>Caspase Inhibition:</u> TNFSF14.
<u>Anti-apoptosis Genes:</u> CD40LG, TNF, TNFSF18.
<u>Other Apoptosis-Related Genes:</u> CD70 (TNFSF7), TNFSF9.
<u>Inflammatory Response:</u> CD40LG, TNF.
<u>NFκB Signaling Pathway:</u> FASLG, TNF, TNFSF10, TNFSF14, TNFSF15.
<u>Other TNF Superfamily Members:</u> LTB, PGLYRP1, TNFSF11, TNFSF12, TNFSF13, TNFSF13B, TNFSF4, PSMG2.
TNF Receptor Superfamily Members:
<u>Induction of Apoptosis:</u> FAS, TNFRSF10A, TNFRSF10A, TNFRSF10B, TNFRSF19, TNFRSF25, CD27 (TNFRSF7), TNFRSF9, TRADD.
<u>Caspase Activation:</u> TNFRSF10A, TNFRSF10B.
<u>Caspase Inhibition:</u> CD27 (TNFRSF7).
<u>Anti-apoptosis Genes:</u> FAS, TNFRSF10D, TNFRSF18, TNFRSF6B, CD27 (TNFRSF7).
<u>Other Apoptosis Genes:</u> CD40, LTBR, NGFR, TNFRSF10C, TNFRSF11B, TNFRSF12A, TNFRSF14, TNFRSF1A, TNFRSF1B, TNFRSF21.
<u>Inflammatory Response:</u> CD40, TNFRSF1A.
<u>NFκB Signaling Pathway:</u> CD40, EDA2R, LTBR, TNFRSF10A, TNFRSF10B, TNFRSF1A, CD27 (TNFRSF7), TRADD.
<u>JNK Signaling Pathway:</u> EDA2R, TNFRSF19, CD27 (TNFRSF7).
<u>Other TNF Receptor Superfamily Members:</u> TNFRSF11A, TNFRSF13B, TNFRSF13C, TNFRSF17, RELT, TNFRSF4, TNFRSF8.
TNFR1 Signaling Pathway:
<u>Induction of Apoptosis:</u> CASP3, CRADD, FADD, TRADD.
<u>Caspases:</u> CASP2, CASP3, CASP8.

<u>Anti-apoptosis Genes:</u> BAG4, CASP2, TNF.
<u>Other Apoptosis Genes:</u> DFFA, PAK1, TNFRSF1A, TRAF2.
<u>Inflammatory Response:</u> TNF, TNFRSF1A.
<u>NFκB Signaling Pathway:</u> CASP8, FADD, TNF, TNFRSF1A, TRADD.
<u>JNK Signaling Pathway:</u> MAP2K4, MAPK8, PAK1.
<u>Transcription Regulators:</u> JUN, PARP1, RB1, TNF, TNFRSF1A.
<u>TNFR1 Signaling Pathway:</u> ARHGDIB, CAD, HRB, LMNA, LMNB1, LMNB2, MADD, MAP3K1, MAP3K7, PAK2, PRKDC, SPTAN1.
TNFR2 Signaling Pathway:
<u>Induction of Apoptosis:</u> IKBKG, LTA, TRAF3.
<u>Anti-apoptosis Genes:</u> NFKB1, TNFAIP3.
<u>Other Apoptosis Genes:</u> NFKBIA, TNFRSF1B, TRAF1, TRAF2.
<u>Inflammatory Response:</u> NFKB1.
<u>NFκB Signaling Pathway:</u> CHUK, IKBKB, IKBKG, NFKBIA, TNFAIP3.
<u>Transcription Regulators:</u> IKBKB, IKBKG, NFKB1, NFKBIA.
<u>TNFR2 Signaling Pathway:</u> DUSP1, AGFG1, IKBKAP, MAP3K1.