

<b>Human Type I Interferon Response PCR Array</b>
<b>Interferons &amp; Receptors:</b> IFNA1, IFNA2, IFNA4, IFNAR1, IFNAR2, IFNB1, IFNE, IFNW1.
<b>Interferon-Responsive Genes:</b>
<u>Innate Immunity:</u> ADAR, BST2, CASP1 (ICE), CCL2 (MCP-1), CCL5 (RANTES), DDX58, GBP1, HLA-E, HLA-G, IFI27, IFI30, IFI6 (G1P3), IFIH1, IFIT1, IFIT2, IFIT3, IFITM1 (9-27), IFITM2, IFITM3, IRF1, IRF2, IRF7, IRF9 (ISGF3G), ISG15 (G1P2), ISG20, JAK2, MX1, MX2, MYD88, NMI, OAS1, OAS2, PML, SOCS1, STAT1, STAT2, TAP1 (ABCB2), TLR3, TLR7.
<u>Adaptive Immunity:</u> CD80, CRP, MYD88, TAP1 (ABCB2).
<u>Cytokines:</u> CCL2 (MCP-1), CCL5 (RANTES), CXCL10 (INP10), IL15, TNFSF10 (TRAIL).
<u>Apoptosis:</u> ADAR, CASP1 (ICE), CCL2 (MCP-1), CCL5 (RANTES), EIF2AK2 (PRKR), IFI16, IFI27, IFI6 (G1P3), IFIH1, JAK2, MX1, MYD88, PML, STAT1, TIMP1, TLR3, TNFSF10 (TRAIL).
<b>Other Genes Involved in Type I Interferon Response:</b>
<u>Innate Immunity:</u> CD86, CIITA, HLA-A, HLA-B, IFNA2, IFNA4, IFNAR1, IFNAR2, IFNB1, IRF3, IRF5, JAK1, NOS2 (iNOS), SH2D1A, STAT3, TICAM1 (TRIF), TLR8, TLR9, TMEM173, TRAF3, TYK2.
<u>Adaptive Immunity:</u> IFNA2, IFNB1, IL10, TLR8, VEGFA.
<u>Cytokines:</u> CD70 (TNFSF7), IL10, IL6, VEGFA.
<u>Apoptosis:</u> BAG3, CAV1, CD70 (TNFSF7), CDKN1B (p27KIP1), IFNA2, IFNB1, IL10, IL6, MAL, MET, MND4, PRKCZ, PSME2, SHB, TICAM1 (TRIF), TMEM173, TRAF3, VEGFA.