

## Human Chemokines & Receptors PCR Array

### Chemokine Ligands:

$\alpha$  Chemokine (CXC Motif): CXCL1 (IL8RA), CXCL10 (INP10), CXCL11 (I-TAC/IP-9), CXCL12 (SDF1), CXCL13, CXCL14, CXCL16, CXCL2 (IL8RB), CXCL3, CXCL5 (ENA-78/LIX), CXCL6 (GCP2), CXCL9 (MIG).

$\beta$  Chemokine (CC Motif): CCL1 (I309), CCL11 (Eotaxin), CCL13 (MCP-4), CCL14, CCL15 (MIP-1D), CCL16 (HCC4), CCL17 (TARC), CCL18 (PARC), CCL19, CCL2 (MCP-1), CCL20 (MIP-3A), CCL21 (MIP-2), CCL22 (MDC), CCL23 (MPIF-1), CCL24 (Eotaxin 2), CCL25 (TECK), CCL26 (Eotaxin 3), CCL27, CCL28, CCL3 (MIP-1A), CCL4 (MIP-1B), CCL5 (RANTES), CCL7 (MCP-3), CCL8 (MCP-2).

$\gamma$  Chemokine (C Motif): XCL1, XCL2.

$\delta$  Chemokine (CX3C Motif): CX3CL1.

### Chemokine Receptors:

$\alpha$  Chemokine (CXC Motif): CXCR1, CXCR2, CXCR3, CXCR4, CXCR5, CXCR6.

$\beta$  Chemokine (CC Motif): CCR1, CCR10, CCR2, CCR3, CCR4, CCR5, CCR6, CCR7, CCR8, CCR9.

$\gamma$  Chemokine (C Motif): XCR1.

$\delta$  Chemokine (CX3C Motif): CX3CR1.

Atypical: CCBP2, CCRL1, CCRL2, CXCR7, DARC.

**Cytokines Involved in Chemotaxis:** C5, CKLF, CMTM1 (CKLFSF1), CMTM2 (CKLFSF2), CMTM3, CMTM4, IL16, IL1B, IL4, IL8, PF4V1, PPBP, TNF.

**Cytokine Receptors Involved in Chemotaxis:** C5AR1 (GPR77), CMKLR1, FPR1, GPR17.

**Other Genes Involved in Chemotaxis:** HIF1A, SLIT2, TLR2, TLR4, TYMP.