

Human Allergy & Asthma PCR Array

Th2 Cytokines and Related Genes: AREG, CCL11 (Eotaxin), CCL17 (TARC) , CCL2 (MCP-1), CCL22 (MDC), CCL24 (Eotaxin-2), CCL26 (Eotaxin-3), CCL5 (RANTES), CCL8 (MCP-2), CLC, CSF2 (GM-CSF), GPR44 (CRTH2), ICOS, IFNG, IL10, IL12A, IL12B, IL13, IL17A, IL18, IL21, IL25 (IL17E), IL3, IL31, IL33, IL4, IL5, IL9, PDCD1, PMCH, TGFB1, TNFSF4 (OX40L), TSLP.

Cytokine and Chemokine Receptors: CCR3, CCR4, CCR8, CD40LG (TNFSF5), CRLF2 (TSLPR), CSF3R (GM-CSFR), IFNGR2, IL13RA1, IL13RA2, IL17RB, IL1RL1 (ST2), IL2RA (CD25), IL3RA, IL4R (CD124), IL5RA (CD125), TNFRSF4 (OX40).

Transcription Factors: BCL6, FOXP3, GATA3, MAF, PPARG, RORC, SATB1, STAT5A, STAT6, TBX21.

Mast Cells and IgE: CMA1, CPA3, FCER1A, KIT (CD117), KITLG, MS4A2, TPSAB1.

Eosinophils: EPX, PRG2, RNASE2, RNASE3, SIGLEC8.

Natural Killer (NK) Cells: IFNG, IL12A, IL12B, IL13, IL18, IL21, IL33.

Alternatively Activated Macrophages: ARG1, CHI3L1, CHIA, MRC1, RETNLB.

Asthma: ADAM33, ADRB2, ALOX5, CLCA1, CYSLTR1, LTB4R, MMP9 (Gelatinase B), POSTN.