

Human Endothelial Cell Biology PCR Array

Angiogenesis: ANGPT1, CCL2 (MCP-1), CCL5 (RANTES), CX3CL1, EDN1, EDNRA, ENG (EVI-1), F3, FASLG (TNFSF6), FGF1, FGF2 (bFGF), FLT1, FN1, HIF1A, HMOX1, IL1B, IL6, ITGA5, ITGAV, ITGB1, ITGB3, KDR, KIT (CD117), KLK3, MMP2, MMP9, NOS3 (eNOS), NPPB, NPR1, PF4, PGF, PLAU (uPA), PTGS2 (COX2), SERPINE1 (PAI-1), SPHK1, TEK (TIE2), THBS1, TYMP, VEGFA.

Vasoconstriction & Vasodilation: ACE, AGT, AGTR1, ALOX5, APOE, CALCA, CAV1, CX3CL1, EDN1, EDN2, EDNRA, F2R, HMOX1, ICAM1, NOS3 (eNOS), NPPB, NPR1, PTGIS, PTGS2 (COX2), SOD1.

Inflammatory Response: ACE, AGT, AGTR1, ALOX5, APOE, CALCA, CCL2 (MCP-1), CCL5 (RANTES), CX3CL1, EDNRA, F2R, F3, FN1, HIF1A, HMOX1, IL1B, IL6, NPPB, PTGS2 (COX2), SELE, SPHK1, TGFB1, THBS1, TNF, VCAM1.

Apoptosis: ANXA5, BAX, BCL2, BCL2L1 (BCL-X), CASP1 (ICE), CASP3, CAV1, CCL2 (MCP-1), CCL5 (RANTES), CFLAR (CASPER), CX3CL1, EDN1, EDNRA, FAS (TNFRSF6), FASLG (TNFSF6), FGF2, HIF1A, HMOX1, IL1B, IL3, IL6, IL7, OCLN, PF4, PTK2, SPHK1, TEK (TIE2), THBS1, TNF, TNFSF10 (TRAIL).

Cell Adhesion: ADAM17 (CD156B), AGT, BCL2, CALCA, CDH5, COL18A1 (Endostatin), CX3CL1, ENG (EVI-1), FGF1, FN1, ICAM1, IL1B, ITGA5, ITGAV, ITGB1, ITGB3, KDR, PDGFRA, PECAM1, PLAU (uPA), PLG, PTK2, SELE, SELL (LECAM1), SELPLG (P-selectin), SERPINE1 (PAI-1), TGFB1, THBS1, TNF, VCAM1, VEGFA, VWF.

Coagulation: ANXA5, CAV1, EDN1, F2R, F3, FN1, MMP1, PECAM1, PF4, PLAT (tPA), PLAU (uPA), PLG, PROCR, PTK2, SELL (LECAM1), SELPLG (P-selectin), SERPINE1 (PAI-1), TEK (TIE2), TFPI, THBD, THBS1, TIMP1, VWF.

Platelet Activation: APOE, CX3CL1, F2R, FN1, IL11, IL6, ITGB3, NOS3 (eNOS), PDGFRA, PECAM1, PF4, PLG, SERPINE1 (PAI-1), SOD1, TGFB1, THBD, THBS1, TIMP1, VEGFA, VWF.