

Human Cancer PathwayFinder PCR Array

Angiogenesis: ANGPT1, ANGPT2, CCL2 (MCP-1), FGF2 (bFGF), FLT1, KDR, PGF, SERPINF1, TEK (TIE2), VEGFC.

Apoptosis: APAF1, BCL2L11, BIRC3 (c-IAP1), CASP2, CASP7, CASP9, CFLAR (CASPER), FASLG (TNFSF6), NOL3, XIAP.

Cell Cycle: AURKA, CCND2, CCND3, CDC20, E2F4, MCM2, MKI67, SKP2, STMN1, WEE1.

Cell Senescence: BMI1 (PCGF4), ETS2, IGFBP3, IGFBP5, IGFBP7, MAP2K1, MAP2K3, MAPK14, SERPINB2 (PAI-2), SOD1, TBX2.

DNA Damage & Repair: DDB2, DDIT3 (GADD153/CHOP), ERCC3 (XPB), ERCC5, GADD45G, LIG4, POLB, PPP1R15A (GADD34).

Epithelial-to-Mesenchymal Transition: CDH2 (N-cadherin), DSP, FOXC2, GSC, KRT14, OCLN, SNAI1, SNAI2, SNAI3, SOX10.

Hypoxia: ADM, ARNT, CA9, EPO, HMOX1, LDHA, SLC2A1.

Metabolism: ACLY, ACSL4, ATP5A1, COX5A, CPT2, G6PD, GPD2, LPL, PFKL, UQCRCF1.

Telomeres & Telomerase: DKC1, PINX1, TEP1, TERF1, TERF2IP, TINF2, TNKS (TIN1), TNKS2.