

Human Neurotoxicity PCR Array

Up-Regulated:

Apoptosis: ABL1, BAG4, BIK, CASP7, CDKN1A, CIDEA, CIDEB, CRADD, DAPK1, FAS, FASLG, GCH1, SOD2, TNFRSF10B, TNFRSF11B, TP53, TRAF4, YWHAE.

Development: CASP7, DRP2, EREG, HEPH, IL10, MMP9, PLP1, SOD2, TP53, YWHAE.

Metabolism (Regulation & Mechanism): ABL1, ARG2, ARRB1, ATF4, CDKN1A, CIDEA, DDIT3, DYNLL1, EREG, GAL, GUCY1A3, HSP90AA1, IL10, NFKB1, POU1F1, RASD1, SLC16A3, SOD2, TNFRSF10B, TP53, TRAF2, USP7, YWHAE.

Nitric Oxide Response: ARG1, ARG2, DYNLL1, GUCY1A3, NOS1AP, NOSIP, NOSTRIN, RASD1, SLC16A3.

Signal Transduction: ABL1, ARRB1, CD8B, CDKN1A, CIDEA, CIDEB, DAPK1, DDIT3, FASLG, GPR37, GUCY1A3, HSPA5, IL10, RASD1, TNFRSF10B, TP53, TRAF2, YWHAE.

Ion Transport: CAMK2D, CLCN5, CLCNKA, HEPH, SFXN5, TRPM1, TRPM4.

Other: ANGPTL4, PAPPA, PDIA4.

Down-Regulated:

Apoptosis: LTA, NOL3, TNFRSF25, XIAP.

Development: BDNF, KIT, LEFTY2, LTA, NOTCH4, SEMA3B.

Metabolism (Regulation & Mechanism): BDNF, CAMK2A, CCND1, CDO1, DRD2, EIF2AK3, GALC, GRIN1, GSR, HTR1A, KIT, LDHA, NOTCH4, PRIM2, TPH1, TXNIP, TYRP1.

Signal Transduction: BIRC2, CCND1, DRD2, EIF2AK3, GSN, HTR1A, KIT, TACR1.

Ion Transport: DRD2, GRIN1.

Other: COL12A1, EGLN3, HTR3A, NUP50.