

Human Neuronal Ion Channels PCR Array

Calcium Channels:

Voltage-Gated: CACNA1A, CACNA1B, CACNA1C, CACNA1D, CACNA1G, CACNA1I, CACNB1, CACNB2, CACNB3, CACNG2, CACNG4.

Ligand-Gated: RYR3.

Transient Receptor Potential Channels: TRPA1, TRPC1, TRPC3, TRPC6, TRPM1, TRPM2, TRPM6, TRPM8, TRPV1, TRPV2, TRPV3, TRPV4.

Potassium Channels:

Delayed Rectifier: KCNA1, KCNA2, KCNA5 (KV1.5), KCNA6, KCNB1, KCNB2, KCNH1, KCNH2, KCNQ1, KCNQ2, KCNQ3.

Inward Rectifier: KCNH2, KCNH6, KCNH7, KCNJ1, KCNJ11, KCNJ12, KCNJ13, KCNJ14, KCNJ15, KCNJ16, KCNJ2, KCNJ3, KCNJ4, KCNJ5, KCNJ6, KCNJ9, KCNK1.

Calcium-Activated: KCNMA1, KCNMB4, KCNN1, KCNN2, KCNN3.

Other Voltage-Gated Potassium Channels: HCN1, HCN2, KCNC1, KCNC2, KCND2, KCND3, KCNH3.

Modifier Subunits: KCNAB1, KCNAB2, KCNAB3, KCNS1.

Sodium Channels:

Amiloride Sensitive: ACCN1, ACCN2, ACCN3.

Voltage-Gated: SCN10A, SCN11A, SCN1A, SCN1B, SCN2A, SCN2B, SCN3A, SCN8A, SCN9A.

Chloride Channels: BEST1, CLCN2, CLCN3, CLCN7.

Sodium/Chloride Transport: SLC12A5.