

Supplementary Table S7: Expression profile of voltage-gated sodium and potassium channels in Df(16)A+/- cortical neurons.

Sodium channels, voltage gated (SCN)

GeneSymbol	baseMean	log2FoldChange	lfcSE	stat	P value	padj
<i>Scn1a</i>	2839.5863	0.129366036	0.131179	0.986178	0.324046	0.599771
<i>Scn1b</i>	1152.5285	0.315664607	0.135027	2.337781	0.019399	0.121791
<i>Scn2a1</i>	4532.102	0.160934687	0.062243	2.585602	0.009721	0.077444
<i>Scn2b</i>	748.87013	0.446569862	0.091685	4.870685	1.11E-06	6.93E-05
<i>Scn3a</i>	2031.3436	0.12620778	0.079633	1.584866	0.112997	0.349069
<i>Scn3b</i>	4264.859	0.211112433	0.111197	1.885438	0.059371	0.241905
<i>Scn4a</i>	0.6512144	0.060686914	0.169408	0.358229	0.720172	NA
<i>Scn4b</i>	19.430738	-0.126209552	0.236981	-0.53257	0.59433	0.808461
<i>Scn5a</i>	122.23498	-1.312606914	0.262996	-4.99097	6.01E-07	4.26E-05
<i>Scn7a</i>	5.9270248	-0.183031157	0.284312	-0.64377	0.519726	NA
<i>Scn8a</i>	3581.5583	0.194270496	0.063256	3.07117	0.002132	0.025213
<i>Scn9a</i>	25.396361	0.295392991	0.231617	1.27535	0.202185	0.477705
<i>Scn10a</i>	0.5099092	-0.05773531	0.17809	-0.32419	0.745793	NA
<i>Scn11a</i>	6.6006126	0.413101327	0.283275	1.458304	0.144757	NA

Potassium channel, voltage-dependent, Delayed rectifier

GeneSymbol	baseMean	log2FoldChange	lfcSE	stat	P value	padj
<i>Kcna1</i>	2211.1322	0.073037524	0.204809	0.356612	0.721382	0.880049
<i>Kcna2</i>	1957.9713	0.256404948	0.111853	2.292333	0.021886	0.132098
<i>Kcna3</i>	278.866	0.056898123	0.153098	0.371646	0.710156	0.874804
<i>Kcna5</i>	56.965172	0.176533913	0.175853	1.003873	0.31544	0.59186
<i>Kcna6</i>	2185.7843	0.093480315	0.065844	1.419721	0.155689	0.415829
<i>Kcna7</i>	2.6051406	0.000517386	0.276858	0.001869	0.998509	NA
<i>Kcna10</i>	1.0711445	-0.032012019	0.225717	-0.14182	0.887219	NA
<i>Kcnb1</i>	1673.6636	0.100046868	0.061233	1.633876	0.102285	0.330038
<i>Kcnb2</i>	222.87871	-0.019377674	0.118973	-0.16287	0.870618	0.946729
<i>Kcnc1</i>	2136.3368	0.02129239	0.070193	0.303339	0.761632	0.900029
<i>Kcnc2</i>	968.51837	0.447671696	0.1482	3.020717	0.002522	0.028861
<i>Kcnq1</i>	4.2364629	0.077521109	0.289233	0.268023	0.788681	NA
<i>Kcnq2</i>	3121.4387	0.184016322	0.073583	2.500794	0.012392	0.091384
<i>Kcnq3</i>	303.29361	0.189940697	0.118686	1.600364	0.109518	0.342789
<i>Kcnq4</i>	178.47542	0.082029269	0.119621	0.685742	0.492876	0.741306
<i>Kcnq5</i>	3196.8921	0.057383551	0.06007	0.955273	0.339439	0.615266
<i>Kcnh1</i>	889.42251	0.155243982	0.102582	1.513368	0.130186	0.378029