

Additional Table 3 - RT-PCR Primer Sequences

Gene	Exons	Probeset ID(s)	Primer F	Primer R	Novel Exon(s)	GenBank Accession Number(s)	Figure	Comments
<i>PHLDB1</i>	Ex23/25	104550938	AGGCCATTGAGGAAGTGTAC	CATCCATCCAGATACGCATG			Fig. 4A	Brain-enriched Exon
<i>SLC9A7</i>	Ex12/15	100381201, 100381206	CTTCACTGTCTGGATCATTG	GTTTCTCTGGCAGAATCTG			Fig. 4B	Brain-depleted Exon
<i>CLTA</i>	Ex4/7	104676545, 96693464, 96693460	TAGAAGAATGGTATGCAAGAC	GGACGACTCGTCAATGTCA			Fig. 5	Double Cassette
<i>RAB6IP2</i>	Ex18/20	95710993	ACTACGAGGATGACCACTTC	TTGTCAGGTGTCCAATGTAC			Fig. 5	
<i>TPD52</i>	Ex4/8	96804991	ATCCCAGGCTGGACAGAAG	ATCACCACCAGCAGGCTTG			Fig. 5	Double Cassette
<i>MYH10</i>	Ex15/16	94245141	TTGCACCAGTCATCAGACAG	TTGCCATCAGCTTGGTGAG	1	DQ925667	Fig. 5	1 Novel Brain-Enriched Exon
<i>ATP11B</i>	Ex28/31	98865728, 98865738, 98865742, 98865747	CCTCATGGTTGTTACATGTC	GACTACATCTTCCTATAACTC	1	DQ925668	Fig. 5	1 Novel Brain Enriched Exon; Ex29 is also a cassette
<i>EPB41L3</i>	Ex16/18	94015918	AGACACTGCCGTAACGAATG	ACCACCTTCTCAGTGTCTAAG			Fig. 5	
<i>MINK1</i>	Ex17/19	83066970	AATAAAGCCAAGCCCGACGA	CCAGAGTCCGCTCTTTCAG			Fig. 5	
<i>WNK1</i>	Ex26/27	95712169	CAGTGACAACCTCTATTTCAG	GTGCAAGTCATCTGTGAATG	2	DQ925669	Fig. 6	2 Novel Brain-Enriched Exons (one of which also has an alt 5'ss)
<i>WNK1</i>	Ex26/26b	95712169	CAGTGACAACCTCTATTTCAG	CTGGTTGCAAGGACAGACT		DQ925670, DQ925671, DQ925672	Fig. 6	
<i>OGDH</i>	Ex3/5	97454232	CAGTGCAGTCACTCATCAG	TTGTCGAGGTCAGACTCATC	1	DQ925673, DQ925674	Supp. Fig. 1	1 Novel Exon in addition to mutually exclusive Ex4a/4b
<i>LPHN2</i>	Ex15/18	100161769	ACTATAAGAGCTATGGAACAG	GTGAAGAGATATGCCATCAC	1	DQ925675	Supp. Fig. 1	1 Novel Brain-Enriched Exon
<i>DYM</i>	Ex12/14	93975279	CCATTCAATACAACATGACTAG	AACTCAGCGAACCTCTCAAG	1	DQ925676	Supp. Fig. 1	1 Novel Brain-Enriched Exon
<i>RAPGEF1</i>	Ex11/13	96442338	ATGGAGGTATACGGCTTCAG	AGCCGACTCCAGAGCATCT	4	DQ925677, DQ925678, DQ925679, DQ925680, DQ925681, DQ925682, DQ925683, DQ925684	Supp. Fig. 1	3 Novel Brain-Enriched Exons (one of which also has an alt 3'ss); Novel Exon 4 found in Ovary
<i>PLEKHA6</i>	Ex9/11	105717857	CCGTGCCCGCATTACTC	CACCTTGTCTCTGCTCACACA	3	DQ925685, DQ925686, DQ925687, DQ925688, DQ925689, DQ925690, DQ925691	Supp. Fig. 1	3 Novel Exons
<i>ANK2</i>	Ex47/49	98509599	GCCACAGGAACCTGTCAAC	TTTCCATGCTGGTCCCTTCAC	1	DQ925692, DQ925693	Supp. Fig. 1	1 Novel Muscle-Enriched Exon
<i>FAT</i>	Ex26/27	98278505	CTTTCCAAGAAGCCTCTAGAG	GTAGCCTCCAGGGTAATAGT	1	EF139845	Supp. Fig. 4	1 Novel Brain-Enriched Exon
<i>CAMK2D</i>	Ex12/15	98337652, 98337647	ACAACATATGCTGGTACAAG	TTCACATCTTCACTCCCAATTG		EF139846	Supp. Fig. 4	Novel arrangement of annotated exons
<i>PTPRK</i>	Ex15/16	97560338	CACTCTGCATGCAGAAGATC	GGTAGCGAGGTACGTCTAG		EF139847	Supp. Fig. 4	Novel arrangement of annotated exons
<i>RECK</i>	Ex2/5	96694017, 96694012	TAACCAAATGTGCCGTGATG	CCAGTTCACAGCAGCCTAAG		EF139848	Supp. Fig. 4	Novel arrangement of annotated exons
<i>UNC13B</i>	Ex10b/11	104676985	ACCTCAACAAGTGATCAAC	CCTTCCGGGAGCCACTGAG		EF139849	Supp. Fig. 4	Novel arrangement of annotated exons
<i>ANK3</i>	Ex36/37	96180441, 96180431	CAGATAGACGACAGAGCTTC	GGCCAGGCACTGTAATCG		EF139850	Supp. Fig. 4	Novel 5' ss
<i>ANK3</i>	Ex36/38	96180441, 96180431	CAGATAGACGACAGAGCTTC	CTATTGCCATCTGTATATCTG		EF139851	Supp. Fig. 4	Novel 5' ss
<i>SORBS2</i>	Ex15/16	98280250	TGGACCTCCAGGATCAAGC	CAGTCGTCGTTTAGGAGATC		EF139852	Supp. Fig. 4	Novel 3' ss
<i>SLK</i>	Ex12/14	96295717	AGAGCACAAATCGCTTGC	GCACCTCTCTCAATATTAGC	1	EF139853	Supp. Fig. 4	1 Novel Exon Enriched in Non-Brain Tissues