

**Supplemental Table S1.** Primer Sequences Used for *PRKARIA* Gene Sequencing

Exon	Forward	Reverse	Product size, bp
1a	5'-AGTCGCCACCTGTCATCT-3'	5'-CACTTCTCCTTTCCGCAGTC-3'	284
1b	5'-CATTGACGTCAGTAGCCGAA-3'	5'-ATCTTGATCGGTCCAGCTC-3'	254
2	5'-CCTAGTCCCCACTTCCCTGT-3'	5'-ATCACCTCATCATCTCCCA-3'	364
3	5'-CATGCCGAAGGATCTCATTT-3'	5'-ATGGATGAAGTTCCACCCTG-3'	327
4a	5'-CAGGTTGCAAACGTGAAATG-3'	5'-CTGCGATAAAGGAGACCGAA-3'	397
4b	5'-AGCCAAAGCCATTGAAAAGA-3'	5'-GCCTCCTCTCCCGTAACAAT-3'	362
5	5'-TTGCTTGATTTTCTTTCCC-3'	5'-ATTCTTATTGCTCGGAAGCG-3'	270
6	5'-TCATTTAACTCGTCAGAAATCACC-3'	5'-TTCTAAATCACACTCTCAAACACCA-3'	370
7	5'-GGCATAATATTGGCGGAAAA-3'	5'-AAGGCTTTTCCCAAGTCCAT-3'	363
8	5'-AGAATGTTGAATGGGCATGG-3'	5'-TTAGCCCACTCTTTCCCTCTT-3'	331
9	5'-CACCTGGGTTTGAGAGTGT-3'	5'-TTCCCTCTCAGAGCCAAAAA-3'	272
10	5'-CCCATCTTTGCTTTCTCCAG-3'	5'-AACAGACAGGAAGCTGCGAT-3'	314

*PRKARIA*, protein kinase A regulatory subunit 1 alpha.