

**Supplementary Table 2: Quantitative PCR primers**

Gene	Forward primer (5'-3')	Reverse primer (5'-3')	Accession #
COX7A2	CCCCAAAGAAGAGCTCGGTT	AGAAGCAGGAGTGACTTCAGTC	NM_001865.3
MT-CO1	GGAGGAGGAGACCCCATCT	TATGGGAGATTATCCGAAGCCTG	MF441747.1
MT-CO3	CAGCCCATGACCCCTAACAG	AGGCCTAGTATGAGGAGCGT	NC_012920.1
GRID2	AACAAGAGGAAAGGCTCCCG	TCGTCATCTGTGCACAAGCT	NM_001510.3
HOMER1	TAACGAAGGCAGCTGAGTCC	AGACCAGCCTGTCAATGACG	NM_004272.4
NR4A1	GGTGACCCACGATTTGTCT	GGCTTATTACAGCACGGCG	NM_002135.4
hFOSB	CACTCCCGAAAGCCTTTCCT	CCCTTCTCGGTTCTGTCACC	NM_001114171.1