

**Supplemental Table S1 The primers used for Rt-qPCR**

<b>Gene name</b>	<b>Primer sequence(Sense)</b>	<b>Primer sequence(Antisense)</b>	<b>Amplicon size (bp)</b>
Actin	GTAAGGGACATCAAGGAGAAGC	ACCTCAGGGCAACGGAAC	155
<i>C3H</i>	AAACCCGTGCAGCAGATTC	GGGTCGGGACGTAGGATG	84
<i>PIP</i>	CCCGTCGTCTTCCTCCAC	CTTCTCAATGTCAGCCACCAG	177
<i>P5CS</i>	ATGCATCTGGGCACATACCA	TACAGGGCGTATACATGCACG	80
<i>P5CDh</i>	TTTCTTGGCTCGGTCGTTT	TTTATTCCCCATGTAGAGTGCA	160
<i>PBL</i>	CGTCCACTTATCGCTGATGTT	ACTTGTGACCAGAGCTGCCTA	172
<i>FUM</i>	GAGCAGTGGTGCCGTGAA	TACCCATAACCTGAGCACAAAC	200
<i>TRPB</i>	ACGCCGCTGATGAAGATG	CCTCCGTCCGTGCAAATT	187
<i>CA4H</i>	CCTGTTTGCCCCGTTCTG	ACCGCGTCCATCTCGTCC	124
<i>AADC</i>	CGCGAGCACCTCCATCTC	TTCCCGTCCACCAACAGC	117
<i>MLS</i>	CGGTGTCGGGCATACTGG	AGCCACGTCGCCTCCTGT	185
<i>PETC</i>	GAGCAAGAGGGAGACGATGA	CGTGCGTGTTGAGCCATT	182
<i>CS</i>	CCCCGTGCGTTCTTCCAT	TCCCAGCCTGCCAGTTGA	162
<i>LFNR</i>	AAGAAGTCGGAGCAATGGAA	CCTTGATCGCACAAACAAATAA	108
<i>BADH</i>	TCAGATCCACTGGAAGAAGGTT	CCACGACAAGAATTATGAAGCA	132
<i>ATP<sub>synB</sub></i>	CGAGTTCCTGCTGCTGATG	CTCGGAGGCGTCCTTCAC	121
<i>TSA</i>	GGAAATCAAGCAGGTCACAGA	CCCCAACTGCCTTACCATT	133