

Additional File 1: Primer sequences used for semi-quantitative real-time reverse transcriptase PCR of candidate genes identified with the GINI technique.

| Gene | Forward or Reverse | 5'-3' Sequence |
|-----------------|--------------------|---------------------------|
| <i>GAPDH</i> | Forward | CTGCACCACCAACTGCTTAG |
| <i>GAPDH</i> | Reverse | GTCTTCTGGGTGGCAGTGAT |
| <i>PPARGC1A</i> | Forward | GGCAGAAGGCAATTGAAGAG |
| <i>PPARGC1A</i> | Reverse | CATAGCTGTCTCCATCATCCC |
| <i>WNT5A</i> | Forward | AGGGTGATGCAGATAGGCAG |
| <i>WNT5A</i> | Reverse | GCGGTAGCCATAGTCGATGT |
| <i>RAB3B</i> | Forward | CAGAGCAGCTTGGGTTTGAT |
| <i>RAB3B</i> | Reverse | AGAGACGCGTGTTCTTGGAG |
| <i>CD14</i> | Forward | GGGATATAAGAGGCAGCCG |
| <i>CD14</i> | Reverse | CCTCTGAGCTCCGGACAG |
| <i>METRNL</i> | Forward | GTCTGCGCCGTGCC |
| <i>METRNL</i> | Reverse | AGGTGGATGGCTGAGTCCT |
| <i>BMP6</i> | Forward | GTGCAGACCTTGGTTCACCT |
| <i>BMP6</i> | Reverse | ACAAGCTCTTACAACCATATTCCTG |
| <i>GRSF1</i> | Forward | CTCCAGATAATAAGGGTGAAGCA |
| <i>GRSF1</i> | Reverse | GAAGCAATTAACCCAAAACACC |