

Table S1. – Primer sequences used to test the expression of the different gene candidates.

| <u>GENE ACCESSION</u> | <u>FW</u> | <u>RV</u> | <u>LENGTH PRODUCT (BP)</u> | <u>TM</u> |
|-----------------------|-------------------------|-----------------------|----------------------------|-----------|
| AAEL001022 | GCTACCGCTCATACGGACAC | CAGCACCATTTTCGTCATTG | 99 | 60 |
| AAEL001156 | GAAGCAGTCCCTCTGGAATCG | ATGTTGAAGGCGGAAATCAC | 160 | 60 |
| AAEL001392 | ATGGTGGACATGCTGGAGTC | TCCGTGACCTCCTCCATAAG | 71 | 60 |
| AAEL002413 | GCAGGTTTTTGGGGTGACTA | GGTGTGGGTTCGTATCTGT | 85 | 60 |
| AAEL002585 | ATCCCGTATCAGGAACAACG | CGTCGGCTACGAAATTGTCT | 115 | 60 |
| AAEL003619 | AAGGTGGTCATCGGTATTGC | AGAAGGTGAACGCTTCCAGA | 148 | 60 |
| AAEL003787 | GTAGCGAGCAATAGCGAACC | ACTCACTGGCCTGCAGTTCT | 76 | 60 |
| AAEL004361 | GTCACGCTATGGGTTTCATCC | CGTTCCTCGCTATTCCAC | 198 | 60 |
| AAEL004861 | GAAAGCAGCGAAGAAACCAG | CAATGACACAGTCGGAATCG | 137 | 60 |
| AAEL005064 | TCCTCTGGACACTCCAATCC | CTCGTCGATCTTGGTGTGA | 112 | 60 |
| AAEL005527 | GGAGCTGTTTCGAGGAGTTTG | CTCGGCGATCGATATCTTGT | 76 | 60 |
| AAEL006995 | GTCCCTCTGTCCGAAATCCAA | TTC'TACGACCATCACCAGCA | 92 | 60 |
| AAEL007495 | GACATTTATCGCAGCCGAGT | AGCCATCTTGCCGTTATCTC | 94 | 60 |
| AAEL007845 | ACACTGCTGGACAGGAAAGG | GTCGCTGAAGCTCTTTGACC | 138 | 60 |
| AAEL008013 | ACGATGTCTCTATCCGCAAG | ATCCCTCTCCTTCCAGCACT | 76 | 60 |
| AAEL008108 | TATGTCCGATGTCCCAAAGG | CAGGTGTCCAGATGATGAG | 147 | 60 |
| AAEL009317 | AACCGTCACCATCAGGAGAG | CGAACGGGACAGAAAAGAG | 141 | 60 |
| AAEL009602 | TTGGAGGATCGTTTCTGGAC | GTAGGCAGGGTATGCTGGAA | 98 | 60 |
| AAEL009770 | TCAAGGACGACTACCCAACC | CCAGTCC'TTCTCCTCATCCA | 119 | 60 |
| AAEL011375 | GTCGGATTAGTGTCTGGGATG | CGAAGATAGCCTGCGAGAAA | 136 | 60 |
| AAEL011566 | GGACGAGAAGCTCAACGAAC | GGAGCAGATTCCACCACAAT | 147 | 60 |
| AAEL011817 | GCTTGGCCCTGTTGTAATGT | TACGACCAACCGTTCAAACA | 76 | 60 |
| AAEL012089 | GCCAATAAGAAGTCACCCCTCTG | CGGTTTTGTCTGTTTCCCTTT | 94 | 60 |
| AAEL013712 | TGTGCAGCTTCTGGTCAAAC | GATGGCGGTTGACCTTCTTA | 100 | 60 |
| AAEL014108 | CGCTACGTCCAGCTGTATTG | CCTCGATGAACGCTCCTAAG | 115 | 60 |