

Table S2. Sequences of primers used in this study.

| Primer name | Sequence 5'-3' |
|--------------------|---|
| Q-AA2-sp_Fw | GGGCTAACTACTGGACCCCA |
| Q-AA2-sp_Rv | GTGTAACCATACCCAAGGTTGCT |
| Q-AA2-no-sp_Fw | TTTCGATTCAGATCGCTGGCAA |
| Q-AA2-no-sp_Rv | GTGTAACCATACCCAAGGTTGCT |
| Q-Sso3194_Z_Fw | ATCAGTGGAGACGAGTGGCAAGA |
| Q-Sso3194_Z_Rv | ATTGCAGCCTTAACCTCGCCTTCT |
| CR6-Fw | TTATCGGAGGCATATAATAGTTCCA |
| CR6-Rv | AATCCAATGAGCCGGGACAAGTTTCACAA |
| M_Fw | TGCAGAATTATCGCCCAGAACAA |
| M_Rv | GTTAGTTCACCCACCGACAAATACA |
| MOE_Fw | AGAATTATCGCCCAGAACAAATTTCTGATAATCTCTTATAGAATTGAA G |
| MOE_Rv | GTTAGTTCACCCACCGACAAATACAATTTCAATTCTATAAGAGATTAT C |
| AA5_Fw | gttgcgctgaaattctgccattccattGATAATCTCTTATAGAATTGA |
| AA5_Rv | tgggcagaatttcagcgcaaccatagggcCTTTCAATTCTATAAGAGATT |
| AA5_Fw | aacatcttgattgcaagtttgaccagGATAATCTCTTATAGAATTGA |
| AA5_Rv | aactcgcaataacaagatgtttattcattCTTTCAATTCTATAAGAGATT |
| AA5_Fw | ttctccccatctaaagcaactgtaacaacGATAATCTCTTATAGAATTGA |
| AA5_Rv | agttgcttagatggggagaatcctctaCTTTCAATTCTATAAGAGATT |
| AA4_Fw | tcatcagttatattaccccatggaatccGATAATCTCTTATAGAATTGA |
| AA4_Rv | atggggtaataataactgatgaattgatgaCTTTCAATTCTATAAGAGATT |
| AA5_Fw | actaatggtgaaatgtggctccaacagcGATAATCTCTTATAGAATTGA |
| AA5_Rv | AGCCAACATTTACCATTAGTCTATCTACCTTTCAATTCTATAAGAGAT T |
| MA2-over_Fw | TACAAGATGTTTATTCATTCTTTCAATTCTATAAGAGATTATCCTGGTC AAAACCTTCGCAATACAAGATGTTTATTCATTCTTTCA |
| MA2-over_Rv | ATTGCGAAGTTTTGACCAGGATAATCTCTTATAGAATTGAAAGAATGA ATAAACATCTTGATTGCGAAGTTTTGACCAG |
| MA2-lin_Fw | ACAAGATGTTTATTCATTCTTTCA |
| MA2-lin_Rv | ATTGCGAAGTTTTGACCAG |