

Table S1. Primer Sequences

M1	5'-CATATGTCTAAGAAACGGGGACTTTC-3'
M2	5'-GTGATCTGATATCTAGAGTCG-3'
M3	5'-AGGAATATACACATTGATACAGC-3'
M4	5'-CTAAGCTTCATCTTGTACTAGC-3'
SPO1	5'-CGTGTCCGAGCATAAAGCTTATGA-3'
SPO2	5'-CCCTTTGGTTTATCAGAGCTGCAT-3'
LB-BAR2	5'-TGTGCCAGGTGCCCACGGAATAGT-3'
LBSALK1	5'-CATCAAACAGGATTTTCGCC-3'
LBa1	5'-TGGTTCACGTAGTGGGCCATCG-3'
N610052U	5'-TACGTGTGCTTTTCACCAGA-3'
N610052L	5'-TGTTGCAACCTTTAAAACCAG-3'
AHP2_Ncodn	5'-TAGTCCATGGCTCCTAAATCGGATAAC-3'
AHP2_PstIup	5'-TATGCTGCAGTTACTGTCCTCGAGGCCTC-3'
Mnd1_EcoRI _{dn}	5'-ATCGAATTCATGTCTAAGAAACGGGGACTTTC-3'
MndI_PstIup	5'-ATACCTGCAGCTAAGCTTCATCTTGTACTAGC-3'
Actin2.1	5'-CTGCCGCTGTTGTTTCTCCT-3'
Actin2.2	5'-CGTTGTAGAAAGTGTGATGCCA-3'
Anchor _{dT}	5'-GACCACGCGTATCGATGTCGAC(T) ₁₆ V-3'
Anchor	5'-GACCACGCGTATCGATGTCGAC-3'
Mnd1_3RACE1	5'-CTGGCAATCAACTTAGGAGTG-3'
Mnd1_3RACE2	5'-AGGGAAGAATCGGAGGAACG-3'
Mnd1_5RACE1	5'-AGCAACTTCAATTGCATTCCTC-3'
Mnd1_5RACE2	5'-TACCATCTCGTTCTTCAGATC-3'
Mnd1_5RACE3	5'-ACTCCTAAGTTGATTGCCAGC-3'