Supplementary file 1

QuikChange primers	
mrps16_5ss1QC_fwd	CGTAGTTGCGAATGCATGAGGATGAAAACATACC
mrps16_5ss1QC_rev	GGTATGTTTTCATCCTCATGCATTCGCAACTACG
mrps16_3ss1QC_fwd	CGACTTTGTTAACTCAATATGAAAGCACCTCAAGCC
mrps16_3ss1QC_rev	GGCTTGAGGTGCTTTCATATTGAGTTAACAAAGTCG
mrps16_bp1QC_fwd	GGTTCGACTTTG TCAATATAGGAAAGCACCTC
mrps16_bp1QC_rev	GAGGTGCTTTCCTATATTGACAAAGTCGAACC
mrps16_5ss2QC_fwd	CCGCTCTTTAGCTGAAAAGCCAAGCTCTC
mrps16_5ss2QC_rev	GAGAGCTTGGCTTTTCAGCTAAAGAGCGG
mrps16_3ss2QC_fwd	CTTTTTTCACTTTTTTCCAGTTGCTTCCTAAAAAACCCG
mrps16_3ss2QC_rev	CGGGTTTTTTAGGAAGCAACTGGAAAAAAGTGAAAAAAG
mrps16_bp2QC_fwd	CTATCAATTCTTGTTACTTTTTTCACTTTTAGTTCCAGTTGC
mrps16_bp2QC_rev	GCAACTGGAACTAAAAGTGAAAAAAGTAACAAGAATTGATAG
pub1_bp3QC_fwd	GATTAAAAACAATGTTTAATTCTTTAGTAATGTTACAGATAATAGCACC
pub1_bp3QC_rev	GGTGCTATTATCTGTAACATTACTAAAGAATTAAACATTGTTTTTAATC
mrps16_Δ90_Exon2QC_fwd	CCTATCGAAACCATCGGCACTTTTGGTGTAGGAGCACAACCATCCGACAC
mrps16_Δ90_Exon2QC_rev	GTGTCGGATGGTTGTGCTCCTACACCAAAAGTGCCGATGGTTTCGATAGG
mrps16 exon deletion library primers	
mrps16_del_col_fwd_1	AGCTGAAAAGGTATGCCCA
mrps16_del_col_fwd_2	CCGTCCGCTCTTTAGCTG
mrps16_del_col_fwd_3	CAACCATCCGACACCGT
mrps16_del_col_fwd_4	TTGGATAAGTGTAGGAGCACAA
mrps16_del_col_fwd_5	ACGTTGAACGTTTTAAATATTGGATAA
mrps16_del_col_fwd_6	CAGCTCAACGTTGAACGTTT
mrps16_del_col_fwd_7	TCCTCGTATAAAAGATATCCAGCTC
mrps16_del_col_fwd_8	CAGGACTCCATTCCTCGTATAA
mrps16_del_col_fwd_9	CTAAGAAGATTGATTCTCAGGACTC
mrps16_del_col_fwd_10	TTGATCCCATCCCTAAGAAGATT
mrps16_del_col_fwd_11	ATCGGCACTTTTGATCCCA
mrps16_del_col_fwd_12	CAAACCTATCGAAACCATCGG
mrps16_del_col_rev_1	AGGTGCTTTCCTATATTGAGTTAAC
mrps16_del_col_rev_2	TGGCTTGAGGTGCTTTCC
mrps16_del_col_rev_3	GATGGTTTCGATAGGTTTGGC
mrps16_del_col_rev_4	GATCAAAAGTGCCGATGGTT
mrps16_del_col_rev_5	AATCTTCTTAGGGATGGGATCAA
mrps16_del_col_rev_6	GGAGTCCTGAGAATCAATCTTCTT
mrps16_del_col_rev_7	ACGAGGAATGGAGTCCTGA
mrps16_del_col_rev_8	GTTGAGCTGGATATCTTTTATACGAG
mrps16_del_col_rev_9	CGTTCAACGTTGAGCTGGAT
mrps16_del_col_rev_10	CTACACTTATCCAATATTTAAAACGTTCA
mrps16_del_col_rev_11	TGTGCTCCTACACTTATCCAAT
mrps16_del_col_rev_12	GTCGGATGGTTGTGCTCC