

**Table S1. Primers used in the experiments.**

Primers	5'→3' sequence (restriction sites underlined)
F2	CGGGATT <u>CGAGA</u> ATTTACCTGAACAAG
R2	CTAGT <u>CTAGAT</u> TAATCTTCTTCTGTTATAGCTTC
puf2exF1	GA <u>AGATCT</u> ATGGACTCCATTTTTTTTAGAAG
puf2exR1	GACCTAGGTTTTTCCA <u>AATTG</u> TTAATAGCTCT
F2d	GATCCAGAGAATGACATATT
Puf2R	GTTGTCAATAATTTCTGCATC
DR1	CGCGGATCCTTAATCTATAACTTGTTCAAGGTGA
PB3A	TTTGCAAAGACTGCTATGG
Puf2C	CCAAATTGTTAATAGCTCTC
C341F	CAACTAGCCACTGAATTA <u>AAAAGG</u>
C341R	CCATATAGTTAAGTGGTTTAGG
Pfs16F	GTACTGCTGTCACAAATATG
Pfs16R	GAATCATCTAATTCGTCTC
Pfs27F	GACACCTATGAATATGTCAAG
Pfs27R	GGTTCATCAGGTGTTACGG
PfPeg3F	GAAAGGAAATCCTTTGAGAC
PfPeg3R	CATAATCCTCAACTAATTCATC
PF14_744F	GCTGTATCAAATGATTTGGTAG
PF14_744R	CTTCTTCGTATCATCAGCAA
α-tubIIF	CGTTCATTGGTATGTAGGTG
α-tubIIR	CATTCATATCCCTCATCTTC
Pfs47F	GGAAATAATAAGGAAGGCATG
Pfs47R	GTAGATGCGATATGTAATTCC
BSD F	TTGTCTCAAGAAGAATCCAC
BSD R	TCCCCAGTAAAATGATATAC
Msp1F	TACAAGTCCATCATCTCGTT
Msp1R	TGGTTAAATCAAAGAGTTCG