Table S1. Primers designed in this study and PCR conditions. 25 ul PCR reactions included 12.5 ul HotStar Taq polymerase (Qiagen), 7.5 pmol each primer, 1 ul template DNA and H_20. Cycling conditions were 95 °C (15 min), followed by 30 cycles at 94 °C (30 s), 54 or 62°C and 72 °C (2 min), and final extension at 72 °C (10 min). Most cloned libraries were built with 54°C products.

primer pair	expected product	forward primer (5'-3')	reverse primer (5'-3')	Annealing Temp. (°C) tested	Annealing Temp. (°C) yielding band
PRP8f - PRP8r	no insert/intron/intein	TCATCTTGTACGACTTTCTCGG	TTAACCGAGCGAACGTCTACG	54 and 62	both
PRP8if2 - PRP8r	5' half of intein	CTCGTCCATCTGACTCACGG	TTAACCGAGCGAACGTCTACG	54 and 62	both
PRP8f - PRP8ir	3' half of intein	TCATCTTGTACGACTTTCTCGG	AAGGAGGTGCGGGATCTTGC	54 and 62	54