

Supplementary Table 1. Primers used for PCR verification of the *Trl* mutations and additional transposon constructs identified within the *alan shepard* (*shep*) and *couch potato* (*cpo*) genes.

Insertion/deletion	P element end	Primer sequence (5'→3')	Approximate amplicon size, bp
<i>Trl</i> ^{13C}	5'	CAATTGTTGCGCTGCCATGG CACCCAAGGCTCTGCTCCCACAAT	1949
	3'	CAATCATATCGCTGTCTCACTCA CGAGTGCGTGGTGTAG	1112
<i>Trl</i> ³⁶²	5'	ATGTGTTTTTCATCCGTGAAGTCG CACCCAAGGCTCTGCTCCCACAAT	596
	3'	CAATCATATCGCTGTCTCACTCA CAGACGTTAGTTATTAGCTC	1488
<i>Trl</i> ³⁶⁰⁹	5'	CACCCAAGGCTCTGCTCCCACAAT CAGACGTTAGTTATTAGCTC	567
	3'	ATGTGTTTTTCATCCGTGAAGTCG CAATCATATCGCTGTCTCACTCA	789
<i>Trl</i> ^{R85}	-	ATTACCAAACGGTCGCATGG CGAGTGCGTGGTGTAG	1643
Transposon in the <i>shep</i> gene	5'	CACCCAAGGCTCTGCTCCCACAAT ACCAACCATCAAGTAACTTTGATGAAC	469
	3'	TTGTTTTGGTCGAAAAGGGATGTG CAATCATATCGCTGTCTCACTCA	546
Transposon in the <i>cpo</i> gene	5'	GATAGTGTAATTATGGCGAAATGG CACCCAAGGCTCTGCTCCCACAAT	808
	3'	CAATCATATCGCTGTCTCACTCA GAATAGTTTCTGGTTGCGAGATAG	479