

Table S1 Primers used to build the RNAi construct and genotype the transgenic lines. Restriction sites are underlined, and sequences that overlap with adjacent primers for overlap extension PCR are underlined with a wavy line.

| Primer | Sequence (5'-3') | Restriction Enzyme |
|------------|--|--------------------|
| 5UTR-1F | <u>CACCAAAAAAAAAAATTCCAATTTAACCAAAATGCAACCGAATTCGACG</u> | |
| 5UTR-1R | <u>CGAGGTATGAGATCAGCACCTCGGAAAATTCTTGTTAACACGAT</u> | |
| 3UTR-1F | <u>TGTTAACAAGAATTTTCCGAGGGTGCTGATCTCATACCTCGG</u> | |
| 3UTR-1R | GTAATGTTGGCATTACTGCAACCA | |
| LAT52-2F | TCTATG <u>GAGCTCGGATAAGGGTAGCTCT</u> | <i>Sac</i> I |
| LAT52-2R | <u>TCGAATTCGGTTGCATTTTGGTTAAATTGGAATTTTTTTTTTGGTG</u> | |
| 3UTR-3R | GTACGGGGT <u>ACCGTAAATGTTGGCATTACTGCAACCA</u> | <i>Kpn</i> I |
| 3UTR-2R | TTCGCGGATCCGTAATGTTGGCATTACTGCAACCA | <i>Bam</i> H I |
| 5UTR-2F | GTCTATGGGT <u>CACCACCAAAATGCAACCGAATTCGACG</u> | <i>Bst</i> E II |
| Nos-Prom-F | TCTATG <u>CCAACATGGTGGGATCATGAGCGAGAATTAAGGGA</u> | <i>Bst</i> X I |
| NPTII-R | TTCGCCTCGAGTCAGAAGAACTCGTCAAGAAGGCCA | <i>Xho</i> I |
| Cul-1F | ATCAGGAACGTGAGGGTGAG | |
| Cul-1R | CAGCAAAACAGCCTTTCACA | |
| 2301-2 | CCAGGCTTTACTTTATGCTTC | |
| LAT52M-R | TGCTCCTTCTTTGTGTGTGT | |