**Table S7.** List of primer used for luciferase translational reporter (TaFRQLUC) insertion cassette.

(Fw: direct orientation; Rv: reverse orientation).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Target DNA  | Primer Name  | Orientation  | Sequence 5’ - 3’  | Size (bp)  |
| 5’ flank *tafrq* w/o stop codon  | Frq-Luc 5 flank oL3800  | Fw Rv  | GCGGATAACAATTTCACACAGGAAACAGCTACTACAGTGGTGCTCCGT GCCCTTCTTGATGTTCTTGGCGTCCTCCATGCCACTCCCTGCGGAGCTGGT  | 1027  |
| 3’ flank downstream *tafrq* gene  | oL3803 oL3804  | Fw Rv  | GACCGGGATCCACTTAACGTTACTGAAATCGCCAGTTTAAGGCTATACTG GTAACGCCAGGGTTTTCCCAGTCACGACGAAAGTGAGACGAGATAAAGGG  | 498  |
| *hph*   | oL768 oL769  | Fw Rv  | GACAGAAGATGATATTGAAGGAGC GATTTCAGTAACGTTAAGTGGAT  | 1435  |
| *luc*  | oL24 oL25  | Fw Rv  | ATGGAGGACGCCAAGAACAT TCAGAGCTTGGACTTGCCGC  | 1741  |
| *tafrq* 3’UTR  | oL3801 oL3802  | Fw Rv  | GCCAAGAAGGGCGGCAAGTCCAAGCTCTGATTGTACGGGACATTTCATATT AAAAATGCTCCTTCAATATCATCTTCTGTCATAACAAAAGCTCATTAAAC  | 299  |
| Construct amplification  | oL83 oL84  | Fw Rv  | GGCAGTGAGCGCAACGCAAT ATTCAGGCTGCGCAACTGTT  | 5000  |