**Table S6.** List of primer used for OE::*tafrq* insertion cassette.

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Target DNA  | Primer Name  | Orientation  | Sequence 5’ - 3’  | Size (bp)  |
| 5’ flank intergenic region *blu17* gene  | oL4189 oL3810  | Fw Rv  | GCGGATAACAATTTCACACAGGAAACAGCTAGCGCCTCGTTGCTGAAAT GACCGGGATCCACTTAACGTTACTGAAATCTATTCGCTACAACGGACAGT   | 1500  |
| 3’ flank intergenic region *blu17* gene  | oL3813 oL4188  | Fw Rv  | GAGGTGTTTCTTAAGTAGTT GTAACGCCAGGGTTTTCCCAGTCACGACGAGGACCTATTCTGGAGAGATA   | 1500  |
| Complete *tafrq* ORF  | oL3857 oL3855  | Fw Rv  | GAAAATTTGCAGGTCGGCATGCCCGTCGGAACCAGGCTAGCCAAACGGCA ATAACAAATACGTCGTAGGGG  | 3053  |
| V5His6  | oL526 oL1586  | Fw Rv  | GGATCTAGAGGGCCCTTCGAA TCAATGGTGATGGTGATGAT   | 93  |
| Actin terminator  | oL3856 oL3853  | Fw Rv  | CGTACCGGTCATCATCACCATCACCATTGAAAGCTACGCGAGGTCAAAGA CAGTCCTGTAAACTACTTAAGAAACACCTCGAATTCCATCTAGCGTTAAAGATACT  | 335  |
| Actin promoter  | oL3848 oL3854  | Fw Rv  | AAAAATGCTCCTTCAATATCATCTTCTGTCAAAGCGGCCGCTTAGTCGTCAGGAGAGGGAGGC TTTCGGAGGATTGCCCTCTGTCGGCTGCATTGTGACTGATTATAGGATGA  | 1210  |
| *hph*   | oL768 oL769  | Fw Rv  | GACAGAAGATGATATTGAAGGAGC GATTTCAGTAACGTTAAGTGGAT  | 1435  |
| Construct amplification  | oL83 oL84  | Fw Rv  | GGCAGTGAGCGCAACGCAAT ATTCAGGCTGCGCAACTGTT  | 9126  |