**Table S9.** List of primers used for *frq::tafrqV5* replacement cassette in *N. crassa* and diagnostic PCRs.

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Target DNA  | Primer Name  | Orientation  | Sequence 5’ - 3’  | Size (bp)  |
| 5’ flank upstream *ncfrq* (includes native 5’UTR)  | oL3670 oL6404  | Fw Rv  | GCGGATAACAATTTCACACAGGAAACAGCGTCAGTACCTCCATCTCACC TTTCGGAGGATTGCCCTCTGTCGGCTGCATGTTCACCCTATCAGATCTTC  | 1382  |
| *tafrq-V5-His6* ORF  | oL6405 oL6406  | Fw Rv  | ATGCAGCCGACAGAGGGCAA AGGCTTACCTTCGAAGGGCCCTCTAGATCCGCCACTCCCTGCGGAGCTGG  | 3122  |
| Native 3’UTR *ncfrq* + *bar* resistance cassette + 3’flank (from pCB05 plasmid)  | LF99 oL6378  | Fw Rv  | GGATCTAGAGGGCCCTTCGA GGTAACGCCAGGGTTTTCCCAGTCACGACGGGTTGCCATTCTGAGTATGG  | 2477  |
| *tafrq*  | oL3915 oL3916  | Fw Rv  | GAAAATTTGCAGGTCGGCATGCCCGTCGGAACCAGGCTAGCCAAACGGCA ATAACAAATACGTCGTAGGGG  | 1080  |
| *ncfrq*  | oL5867 oL5868  | Fw Rv  | AAGATACCGAGGATGGCTCGGATAAGAATGGTCGG GGCGATGAATTCGGCCGTATCTTCCGATGTTGTCG  | 770  |
| 5’ integration of *frq::tafrqV5*  | AGF133 oL3914  | Fw Rv  | CGCCGGCCCCAGTCTGAATC TCCGACGGGCATGCCGACCT  | 2527  |