

Supplementary table 2. Primers used in the study

| Name | Sequence |
|-------------|---|
| VHHF | <u>GCTGGCGCCTCTCTAGACACAGGATCCG</u> CCSAGGTGSAGST SSWGSMGTC |
| VHHR | <u>TCTCCCTTCTATGGTACCCTT</u> TSWGGAGACRGTGACCWGGG TCCC |
| F1F | GGGTTATTGTCTCATGAGCGGATACATATTTGAATGTATTTA <u>GAAAAATAAACAAATAGGGGTTC</u> |
| F1R | AAACACGTAAGTGAAACCATGGAG <u>GCTGGCGCCTCTCTAG</u> <u>ACACA</u> |
| mCherryF | <u>AAGGGTACCATAGAAGGGAGAAGCAAGGGCGAGGAGGAT</u> AAC |
| mCherryR | <u>AGAGCCACCACCTGCGGCCGCCAGATCCTCCTCCGAGATCA</u> GCTTCTGCTC |
| mCherryStop | GAGCAGAAGCTGATCTCGGAGGAGGATCTGTAAGTCGAC <u>G</u> <u>CGGCCGCAGGTGGTGGCTCT</u> |
| TetF | <u>GCGGCCGCAGGTGGTGGCTCTGGTTCCGGTGAT</u> |
| TetR | CCGCACACCAGTAAGGTGGCGGTATCAACCAGTAGCAC <u>CCAT</u> <u>TACCATTAGCAAG</u> |
| UA-INF | AATAGGGGTTCGCGCACATTT |
| UA-INR | ACTGGTGTTGTCCCAATTTTGGT |
| ArrestLoop | CAT <u>GTCGACGGTACCCTTAAGCCGCACACCAGTAAGGTGT</u> GCGGTAGGGCCAGCACGGATGCCTTGCGCCTGGCTTATCCA GACGGGCGTGCTGAAAT <u>CACCAGTAGCACCATTACC</u> |

* underlined sequences represent overlapping region. Bold sequences present restriction sites for *Bam*HI and *Sal*I.