**S4 Table. ssODN and amplification primers used.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Oligo Name | Description | Primer Sequence | Size (nt) | +/- Strand |
| LA1422 | ssODN for 156\_161delTGCCTA AeAct4 mutagenesis | TGCTCTATGGGATATTTCAGGGTGAGGATACCTCGCTTGGATTGGGCTTCATCACCGACG\*TCTTTTTGACCCATACCGACCATCACACCCTGGTGGCGAGGGCGGCCGACAATGGACGGG | 120 | - |
| LA706 | 5’*Act4* Homology Arm + BsaI site amplified from *Ae. aegypti* gDNA | GGTCTCAGGCCGCACTTCCGAGTATAAAACCCCGGT | 36 | + |
| LA709 | GGTCTCTGCAGTCAATGACTAGTGCTCCAGCATCATC | 37 | - |
| LA712 | 3’*Act4* Homology Arm + BsaI site amplified from *Ae. aegypti* gDNA | GGTCTCAGCTCGCTAGCAATATCCCATAGAGCACGGTATCATCAC | 45 | + |
| LA707 | GGTCTCACATGACCAAGAACAGTTTAGAATCGAGACG | 37 | - |
| LA710 | attP50-SV40-mCherry-3xP3 + BsaI amplified from AGG1069 plasmid | GGTCTCACTGCCGAATTGCTTCGGCGCCAAGTAGTGCC | 38 | + |
| LA711 | GGTCTCAGAGCGGCGCGCCGCCCGGGGATCTAATTCAATTAGAG | 44 | - |

\*point where the 6 bases for the 156\_161delTGCCTA deletion have been removed. The ssODN oligo consists of 60 nucleotides upstream and downstream of the deletion.