**S3 Table. *Act4* mutation assay primers.**

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| --- | --- | --- | --- |
| Species | Primer Name | Primer Sequence | Description |
| *Cx. quinquefasciatus AeAct4* Primers | LA350 | GACGCTCTCTGCCGCAGACTGTACT | Amplicon Primers |
| LA351 | AGTCTCGTGGACACCGGTAGCTTCC |
| LA388 | CGTCCGAGTTGTTTGTGGATG | Sequencing Primers |
| LA205 | CGCTCGGTCAGGATCTTCAT |
| *Ae. aegypti AeAct4* Primers | LA587 | AACGAGCCCTGTACCTATTGAT | Amplicon Primers |
| LA130 | GTACAGGGACAGAACAGCTTGGAT |
| LA129 | TGCCACATGAACAATAACACCAATA | Sequencing Primers |
| LA130 | GTACAGGGACAGAACAGCTTGGAT |

Mutation assay primers to detect CRISPR/Cas9 mediated indels or HDR integrations in *Act4*.