

## Supplementary Tables 2 and 3

Sophia H. Webster, Michael R. Vella, and Maxwell J. Scott on “Development and testing of a novel Killer-Rescue self-limiting gene drive system in *Drosophila melanogaster*”, Proceedings Royal Society B, doi: 10.1098/rspb.2019.2994

Line	Genotype	Source	Use in this research
attP40	y[1] v[1] P{y[+t7.7]=nos-phiC31\int.NLS}X; P{y[+t7.7]=CaryP}attP40	BDSC # 25709	Location for Rescue Insertion
attP2	P{y[+t7.7]=nos-phiC31\int.NLS}X, y[1] sc[1] v[1] sev[21]; P{y[+t7.7]=CaryP}attP2	BDSC # 25710	Location for Killer Insertion
UAS-RedStinger	P{w[+mC]=UAS-RedStinger}4	(1)	Gal80 Repression Experiment
Actin-Gal4	w[1118];P{y[+t7.7]w[+mC]=Act-Gal4}attP2	(2)	Gal80 Repression Experiment
Elav-Gal4	w[1118];P{y[+t7.7]w[+mC]=Elav-Gal4}attP2	(3)	Gal80 Repression Experiment

**Table S2. Drosophila lines used in this research.** The name of line, genotype, source (Bloomington Drosophila Stock Center or publication (1-3) and use in this research are listed.

Primer Name	Sequence	Use in Study and Reference
Gal4	For: AGCAGCATTCTGGAACAAAGACGC Rev: TGGATCGACCATAAAGCAGGGACA	<i>D. melanogaster</i> qPCR (4)
Gal80	For: TCTTCGGTCTCAACCGTGCTTAAT Rev: TGTCTTGATTGCCCATCCTTGGC	<i>D. melanogaster</i> qPCR (4)
Rpl32	For: ATGCTAACGCTGTCGACAAATG Rev: GTTCGATCCGTAACCGATGT	<i>D. melanogaster</i> Reference gene (5)
18S rRNA	For: CTGAGAACGGCTACCACATC Rev: ACCAGACTGCCCTCCAAT	<i>D. melanogaster</i> Reference gene (5)

**Table S3. List of primer sequences, target and reference genes, used in qRT-PCR experiments (4,5).**

## Supplementary References

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