Description of Additional Supplementary Files

Legend of Dataset S1:

Cage trial screening. Screening results for each generation of the cage trial. F1 to F6 progeny results classified by eye phenotype (DE,dark eyes; ME, mosaic eyes; WE, white eyes) for the multi-generational cage trial. TH (trans-heterozygous, kmo^{sgRNAs};$bgcn$-Cas9D).

Eye phenotype. Number of individuals with mosaic/white eye phenotype in kmo^{sgRNAs} and non-kmo^{sgRNAs} mosquitoes in each generation. kmo^{sgRNAs} = all progeny that inherited the kmo^{sgRNAs} element (kmo^{sgRNAs} only as well as trans-heterozygotes); Non-kmo^{sgRNAs} = progeny that did not inherit the kmo^{sgRNAs} element ($bgcn$-Cas9 only and wild type).

Genotype. Phenotype frequencies for each generation of the cage trial assay. Phenotype frequencies calculated from the F1-F6 generations (Number of mosquitoes showing a phenotype/total mosquitoes screened). TH: trans-heterozygous; WT: wild type.

Larvae. Number of larvae estimated in each experimental cage from F1 to F6.