

**Table S1. The total number of eggs laid, average number of eggs per female mosquito laid , and the ratios of female to male adults in three replicate cage.**

Replicate	Total No.	Female : Male	Average No.	<i>F</i>	<i>P</i>
A	4551	115:88	39.6	3.00	0.333
B	6366	167:44	38.1		
C	6485	170:56	38.1		

We set three replicates. Total No. denotes the total number of eggs laid in screen cage. Female : male denotes the ratios of female to male adults in each cages. Average No. Denotes the average number of eggs per female mosquito laid. Ordinary one-way ANOVA showed no significant difference between three replicates.