**Materials and Methods**

**Lab Island Pops Isolation Measures**

August 28th, 2023

* Virgins were collected between 4PM and 6PM Friday August 25th and mated at 8:15AM the morning of August 28th meaning they were between 2 and 3 days old at the time of the mating trials
* Mating’s were conducted on 7.5mL of Gennessee Scientific Fly Food with added black food coloring
* Mating start and stop times were recorded and males were removed from vials within an hour after mating. The female remained in the vial to lay eggs
* Only a subset of mated females were taken to assess egg production and hatchability.
* Eggs were counted 24 hours after initial mating and counted every 24 hours for 4 total days.
* 14 days after initial egg laying each emerging adult from each vial was recorded.