Supplemental Figure 2. Methods used to collect immature and adult mosquitoes in 2018 and 2019.

| Method                                                                 | Image                                                                 | Description                                                                                                                                                                                                 |
|----------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Carbon dioxide baited CDC miniature light trap (John W. Hock Company) | ![Image](carbon_dioxide_baited_CDC_miniature_light_trap.jpg)          | The carbon dioxide baited CDC miniature light trap was used to collect host-seeking adult mosquitoes from April-September, 2018/2019.                                                                 |
| Resting Box (Silver 2008)                                            | ![Image](resting_box_collection_method.jpg)                          | The resting box collection method targets resting adult males and females and was used in April and May, 2019.                                                                                                 |
| Carbon dioxide baited BG-Sentinel 2 (Biogents)                       | ![Image](carbon_dioxide_baited_BG_Sentinel_2.jpg)                    | The carbon dioxide baited BG Sentinel 2 was used to collect adult host-seeking mosquitoes from June-September, 2019.                                                                                           |
| Shannon Trap Baited with UV Light (Silver 2008)                      | ![Image](shannon_trap_baited_with_UV_light.jpg)                      | The Shannon trap is baited with UV-light and used to attract adult where they are manually collected. This method targets both adult males and females and was used in May, 2019. |
| Modified CDC backpack aspirator (John W. Hock Company)               | ![Image](modified_CDC_backpack_aspirator.jpg)                       | This method targets resting adult male and female mosquitoes by vacuuming them from vegetation and was used in May, 2019.                                                                                         |
| Bioquip mosquito dipper (Bioquip)                                    | ![Image](bioquip_mosquito_dipper.jpg)                                | This is the standard method that was used to collect immature mosquitoes from all water sources in April-May, 2019 and May-September, 2018.                                                               |
| Aquatic Light Trap (Bioquip)                                         | ![Image](aquatic_light_trap.jpg)                                     | The aquatic light trap was used to collect immature mosquitoes from ephemeral pools. This method was utilized in April and May, 2019.                                                                        |
| Emergence Trap (Silver 2008)                                         | ![Image](emergence_trap.jpg)                                         | The emergence trap was used as it bypassed the need to raise the immature stages to adults in the lab post-collection. This method was used in May, 2019.                                                       |