DISEASE ECOLOGY

Tolerance of disease-vector mosquitoes to brackish water and their osmoregulatory ability

Pierre Kengne, Guy Charmantier, Eva Blondeau-Bidet, Carlo Costantini, and Diego Ayala

Appendix S1

Table S1. Correlation (Pearson R) and significance between hemolymph osmolality at different concentrations and the median lethal salinity concentration.

| Hemolymph osmolality (mOsm.kg⁻¹) | Pearson R | P value |
|----------------------------------|-----------|---------|
| DW (0)                           | 0.87      | 0.026   |
| DW + food (~ 5)                  | 0.78      | 0.067   |
| 100                              | 0.6       | 0.21    |
| 200                              | 0.61      | 0.2     |
| 300                              | 0.12      | 0.82    |