

Additional file 5: Figure S5. Comparison of LSVs of *Ae. aegypti* collected in 2015 and preserved for four years at -80 °C ($n = 20$) and LSVs of *Ae. aegypti* collected in 2018 and analyzed no later than five months following sampling ($n = 30$). All mosquitoes collected in 2018 were preserved at -20 °C or at -80 °C if preservation exceeded three weeks before MALDI-TOF MS analysis. Spectra obtained with all these mosquitoes were compared to MSPs created from fresh field-collected specimens in the database. Correct identification was achieved with high LSVs. On the graph, colors illustrate MALDI-TOF MS identification, the red dashed line marks the threshold value of 1.8 and the green lines illustrate LSV median for each group.

