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Supplemental Information

Geosmin Attracts *Aedes aegypti*

Mosquitoes to Oviposition Sites

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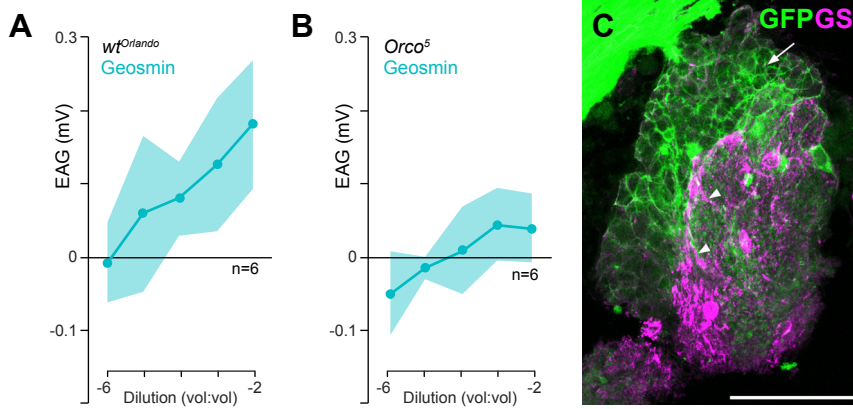


Figure S1. Neural representation of geosmin, related to Figure 3

(A) Electroantennogram dose response relationships from wildtype mosquitoes stimulated with increasing concentrations of geosmin. Line indicates mean responses, shaded area standard deviation.

(B) Same as in (A), but from *Orco⁵* mosquitoes.

(C) Confocal laser scan from the antennal lobe of a *PUB-GCaMP6s Ae. aegypti* female brain labeled with antisera against glutamine synthetase (GS, magenta) and GFP (green). Arrow denote the lateral cell cluster, whereas arrowheads marks glial-like processes that form a rind around the glomeruli. Scale bar: 100 μ m.

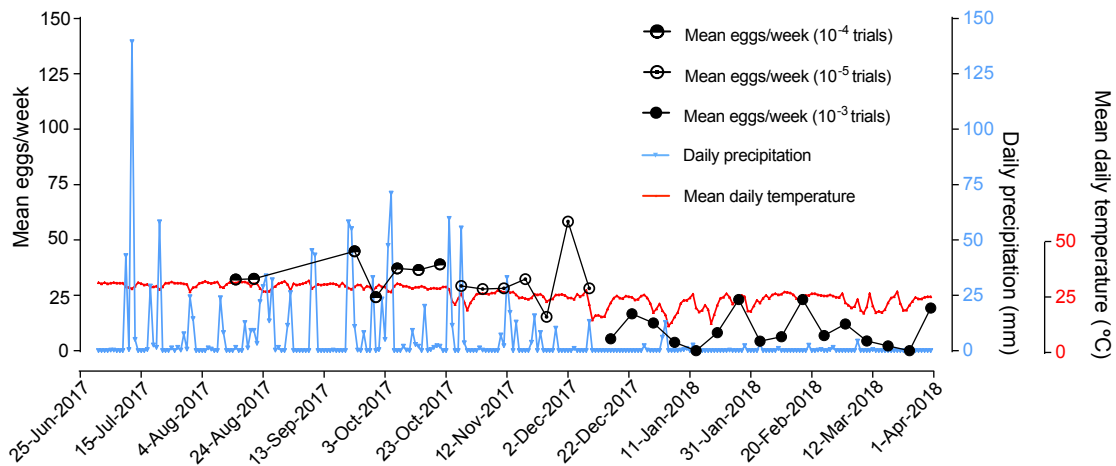


Figure S2. Trap catches and weather data for Miami, related to Figure 4

Trap catches (mean eggs/week), daily precipitation, and daily temperature during the field trapping period with geosmin in Miami, Florida, USA.