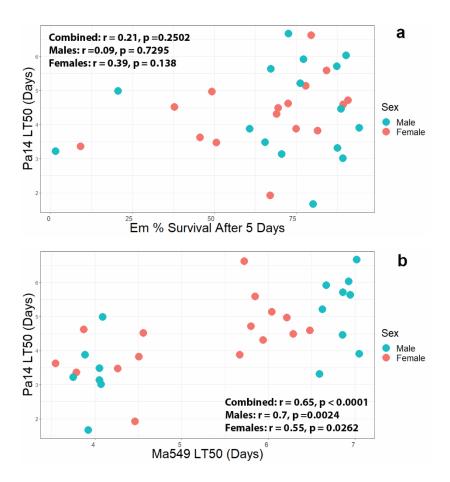
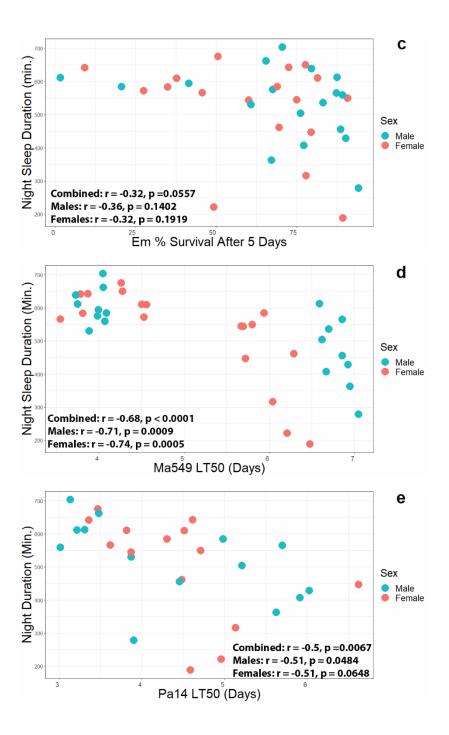
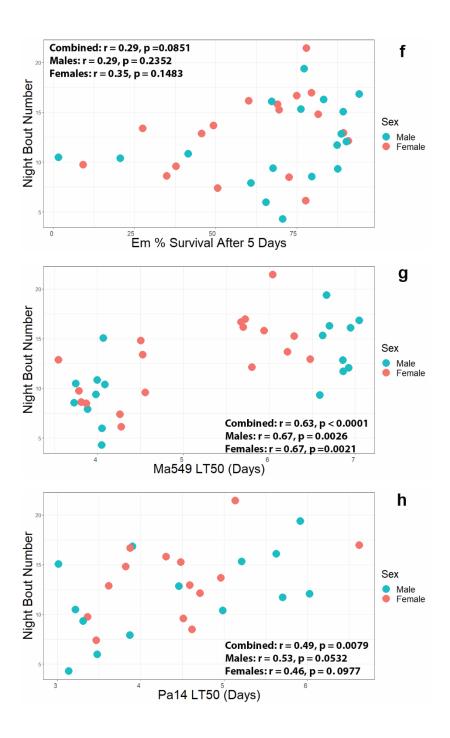
Title: Genetic variation for resistance to the specific fly pathogen *Entomophthora muscae*. Jonathan B. Wang¹, Carolyn Elya², and Raymond J. St. Leger^{1*}

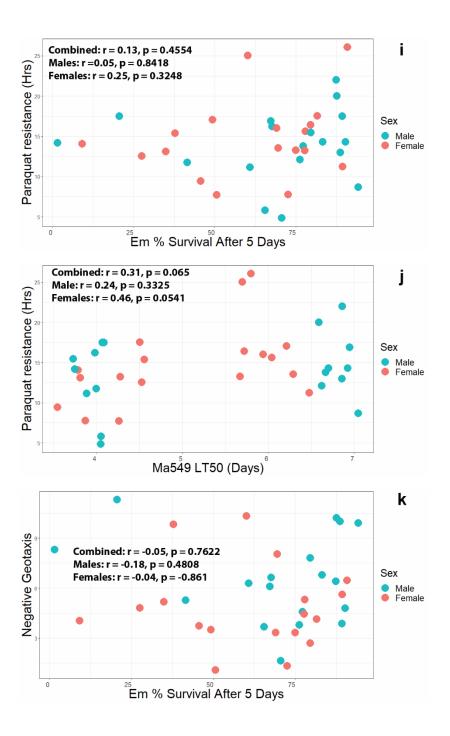
¹Department of Entomology, University of Maryland, College Park, Maryland 20742, USA; ²Department of Organismic and Evolutionary Biology, Harvard University, Cambridge, Massachusetts 02138, USA.

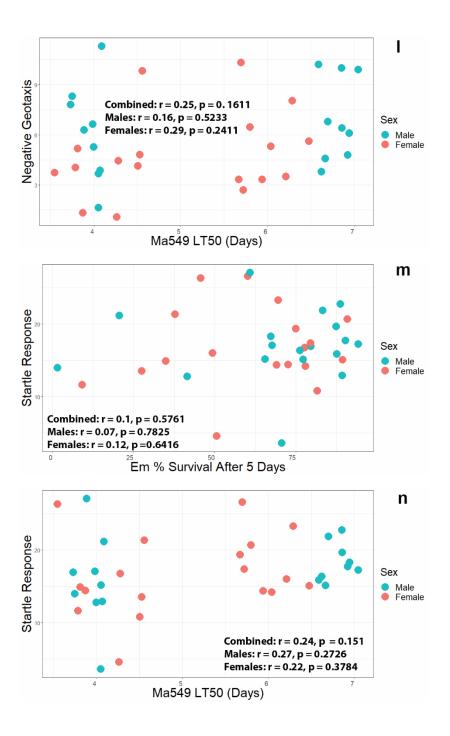
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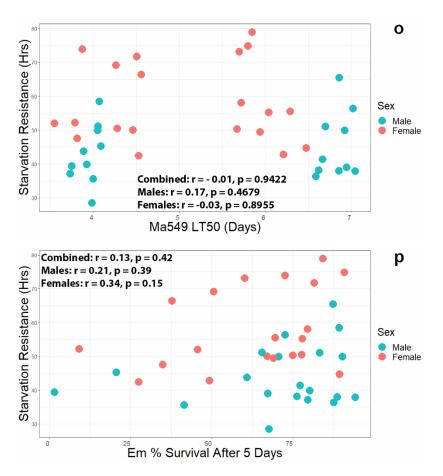




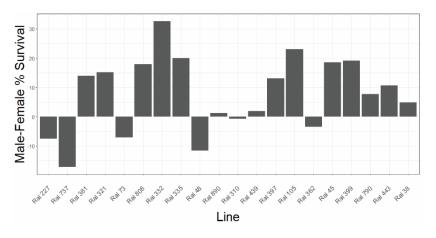








Supplementary Figure S1: Correlation graphs of phenotypes. (a) Positive correlation of % survival (5 days) among the DGRP lines between male and female flies infected with *E. muscae* and diverse phenotypes (b-p). *Pseudomonas aeruginosa* (Pa14) and Ma549 LT₅₀ values were obtained from Wang et al., 2017¹, sleep data from Harbison et al., 2014², paraquat resistance from Weber et al., 2012³, negative geotaxis and startle response data from Jordan et al., 2012⁴, and starvation data from Mackay et al., 2012⁵.



Supplementary Figure S2: Percent survival differences between male and female flies in DGRP lines infected by *E. muscae.* Flies were ordered (based on male percent survival) from the most susceptible (left) to the most resistant (right). Female percent survival was subtracted from male percent survival so positive values indicate lines where males are more resistant.

Supplementary References

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