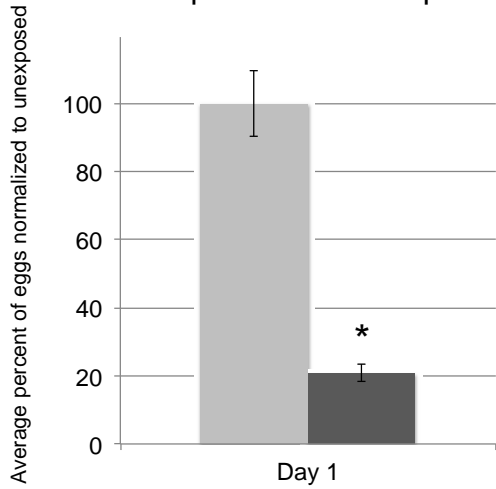
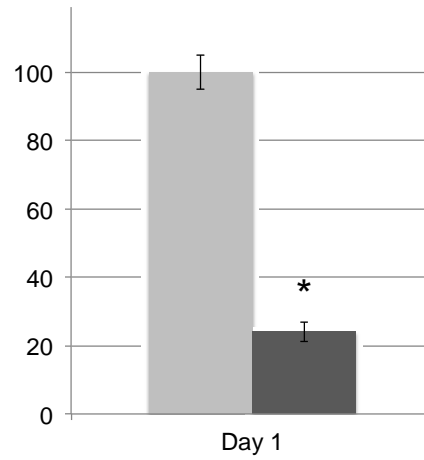


Figure S1

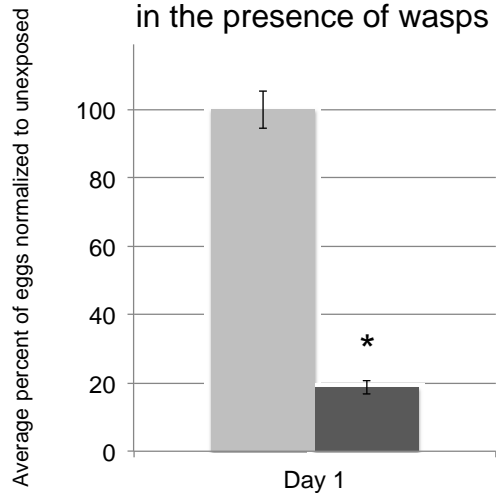
A *Fmr1³* mutants depress oviposition in the presence of wasps



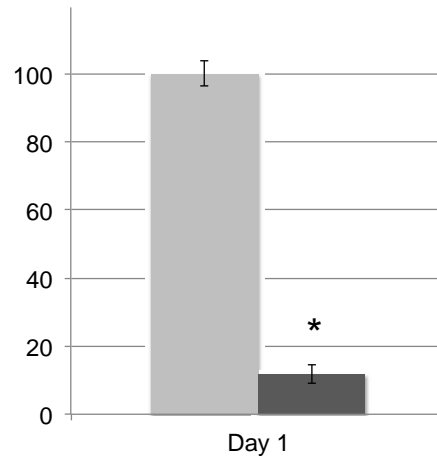
B *Fmr1^{B55}* mutants depress oviposition in the presence of wasps



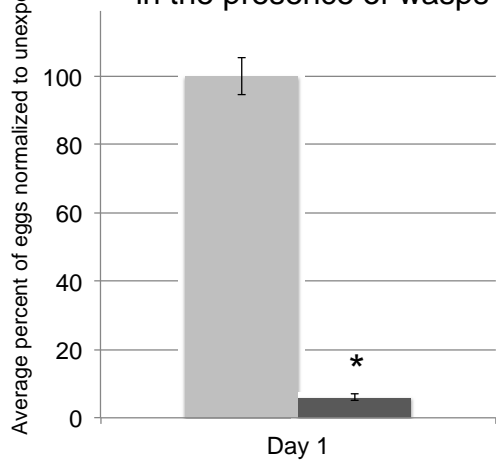
C *amn^{X8}* mutants depress oviposition in the presence of wasps



D *amn¹* mutants depress oviposition in the presence of wasps



E *rut²⁰⁸⁰* mutants depress oviposition in the presence of wasps



F *dnc^{ML}* mutants depress oviposition in the presence of wasps

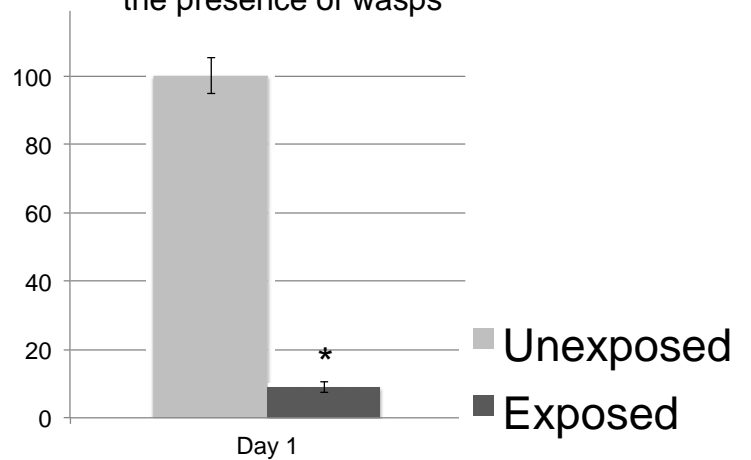


Figure S1 Flies mutant in memory genes are able to respond to predatory wasps through oviposition depression. (A-F) Percent of eggs laid normalized to unexposed for (A) *Fmr1*³, (B) *Fmr1*^{B55}, (C) *amn*^{X8}, (D) *amn*¹, (E) *rut*²⁰⁸⁰, and (F) *dnc*^{ML}. All error bars represent standard error ($n=24$ biological replicates) (* $P<0.001$).