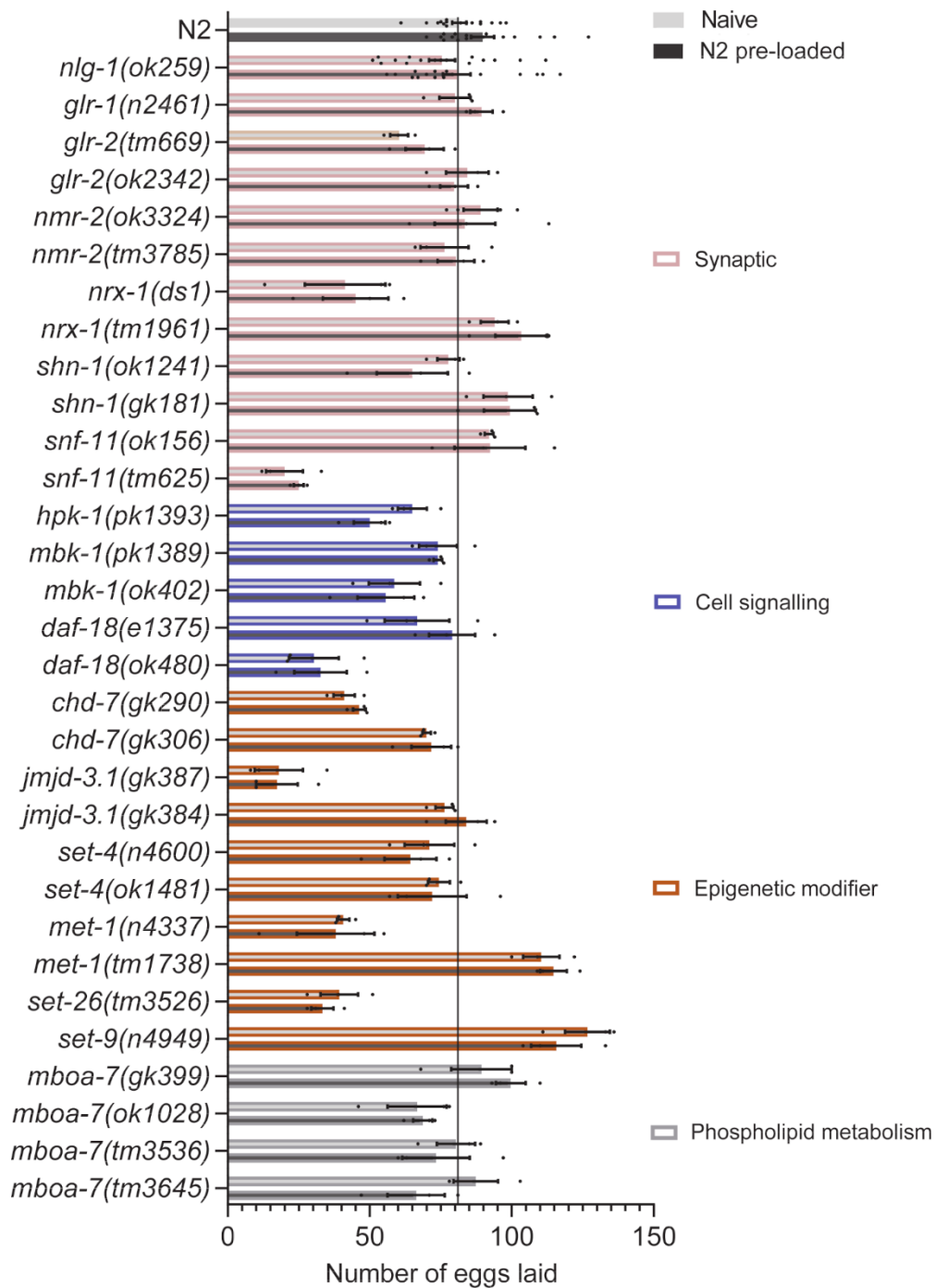


S1 Fig: Proportion of eggs and progeny produced by *C. elegans* mutants after 24 hours. After a food leaving assay the number of eggs and progeny produced after 24 hours was counted. N2 and *nlg-1(ok259)* n=19. All other mutants n=3-4. The black line indicates the total number of eggs and progeny produced by N2 control. All data shown as mean \pm SEM. Statistical analysis performed using a two-way ANOVA and Dunnetts's multiple comparison test; ns, $p > 0.05$; *, $p < 0.05$; **, $p \leq 0.01$; ***, $p \leq 0.001$; ****, $p \leq 0.0001$. All significance relates to the total number of eggs and progeny produced in comparison with N2 control.



S2 Fig: The number of eggs laid is unchanged in the presence of progeny. After a food leaving assay the number of eggs laid was quantified. The black line indicates the number of eggs laid by N2 control. All data shown as mean \pm SEM. N2 and *nlg-1(ok259)* n=16. All other mutants n=3-4. Statistical analysis performed using a two-way ANOVA and sidak's multiple comparison test. No significance was identified when comparing eggs laid on a naïve and pre-loaded food lawn for each strain.