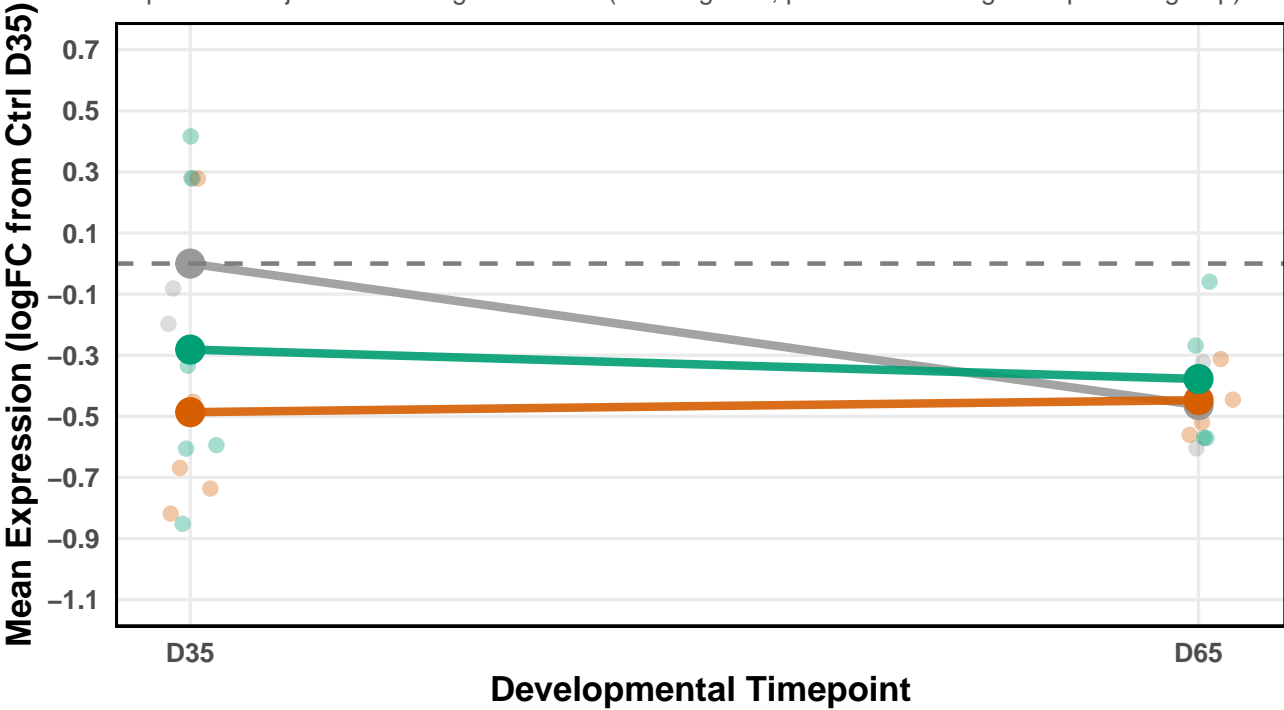


Critical Period Trajectories: D35 to D65 Maturation Dynamics

DRP1 mutants show paradoxical response during neuronal maturation

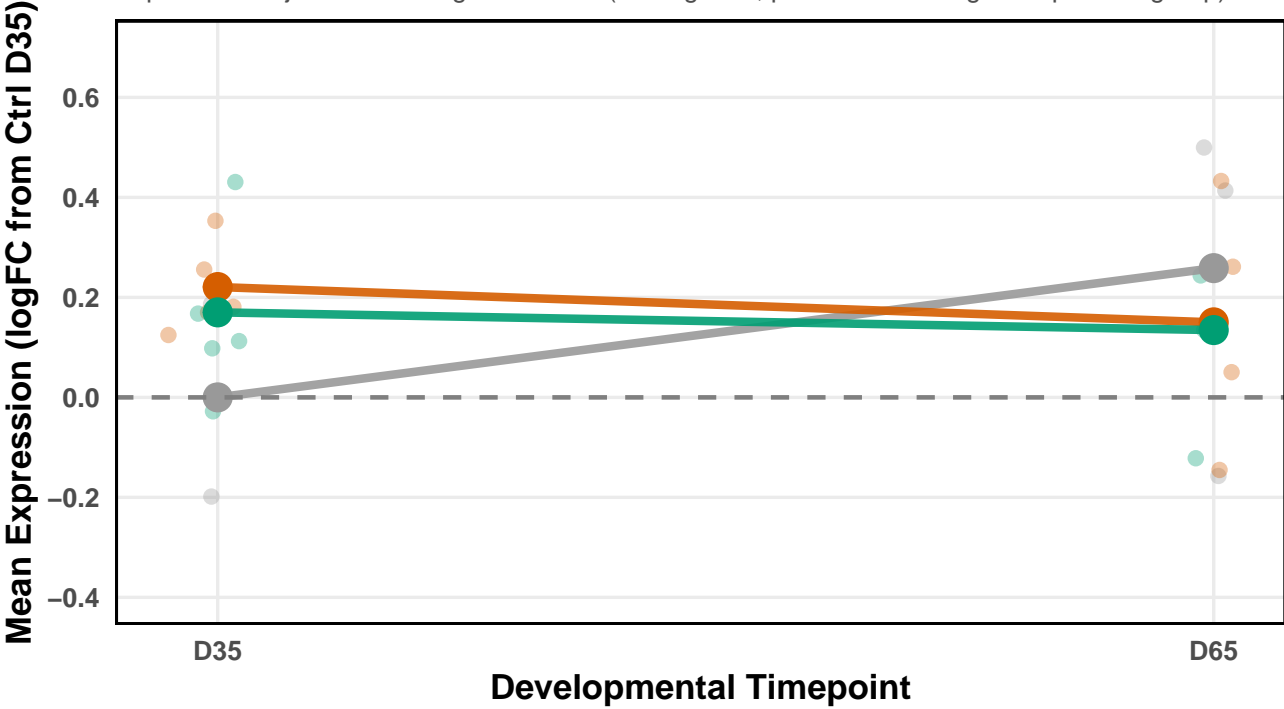
Ribosome Biogenesis: Compensatory Upregulation

Expression trajectories during maturation (n=158 genes; points: n=3 biological replicates/group)



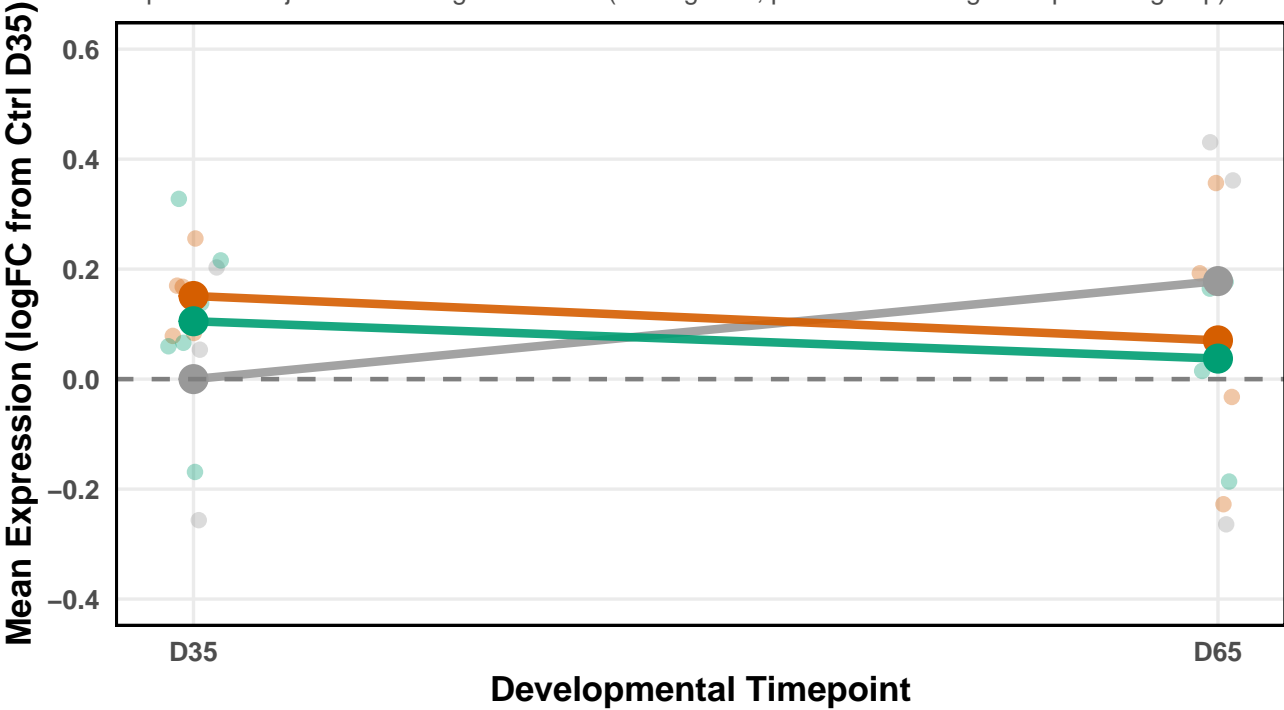
Cytoplasmic Translation: Functional Failure

Expression trajectories during maturation (n=76 genes; points: n=3 biological replicates/group)



Synaptic Ribosomes: Critical Period Failure

Expression trajectories during maturation (n=65 genes; points: n=3 biological replicates/group)



Genotype Control G32A mutant R403C mutant