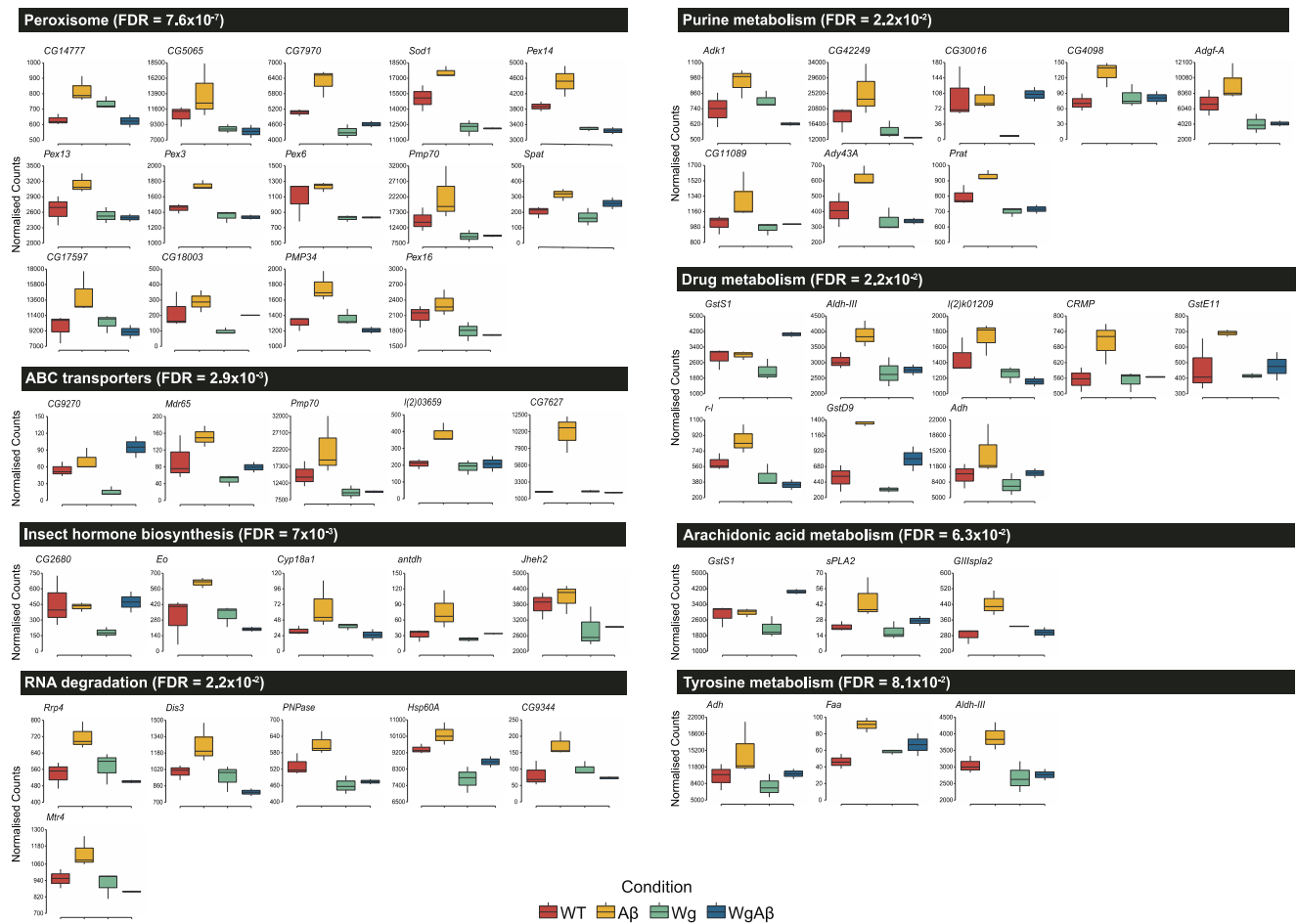
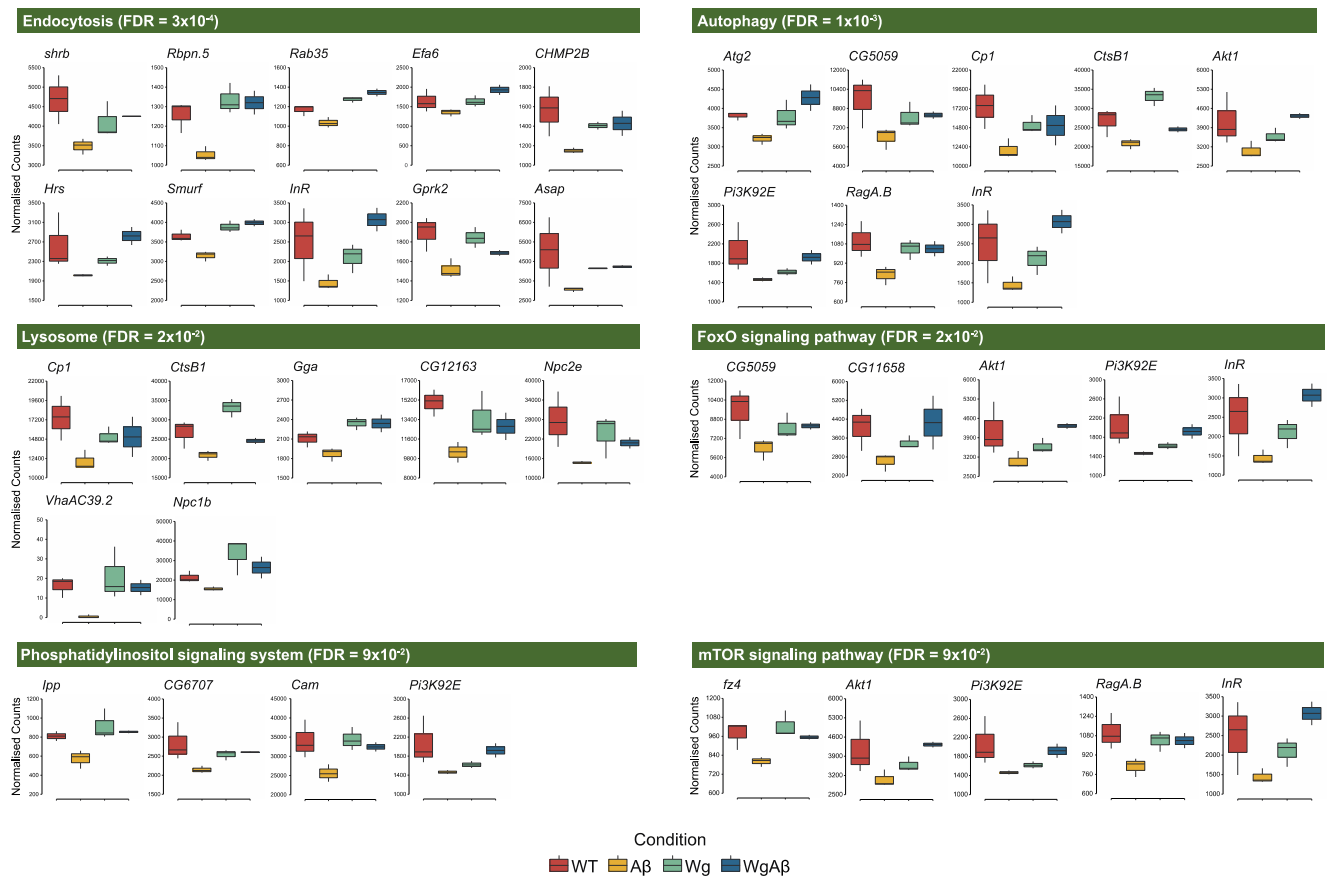


Supplementary Materials: The following are available online at www.mdpi.com



S1: Expression profiles of genes contributing to enrichment of key processes/pathways identified as enriched in Cluster I.



S2: Expression profiles of genes contributing to enrichment of key processes/pathways identified as enriched in Cluster II.

Supplemental Videos

Video 1. Elav-Gal4>UAS-A β^{1-42} -CRY2-mCh, Repo-QF2>QUAS-GFP embryos kept in the dark and imaged for neurons using mCherry and glial cells using low (5%) blue laser power to allow imaging of glial cells without inducing pathological clustering. Scale bar represents 50 μ m.

Video 2. Elav-Gal4>UAS-A β^{1-42} -CRY2-mCh, Repo-QF2>QUAS-GFP embryos kept in the light and imaged for neurons using mCherry and glial cells using high (10%) blue laser power to allow imaging of glial cells to induce clustering. Scale bar represents 50 μ m.

Video 3. Embryos expressing Td-Tomato in the nervous system (Elav-Gal4>UAS-Td-Tomato) develop normally. Scale bar represents 20 μ m.

Video 4. Expressing wg in the nervous system (Elav-Gal4>UAS-wg, UAS-RFP) is lethal to the embryos. Scale bar represents 20 μ m.

Supplemental Tables

Table S1: Results from differential expression analysis

Table S2: GO:BP enrichment analysis results for each cluster

Table S3: KEGG pathway enrichment analysis results for each cluster

Table S4: Raw data for Amyloid Lifespans

Table S5: Raw data for Toll Lifespans

Table S6: Raw data for Persephone and Dif Lifespans