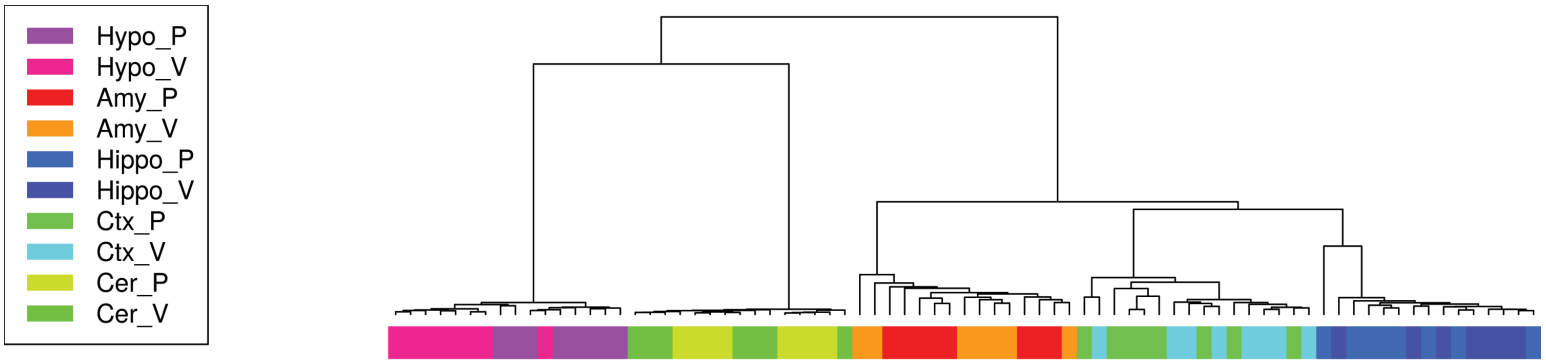
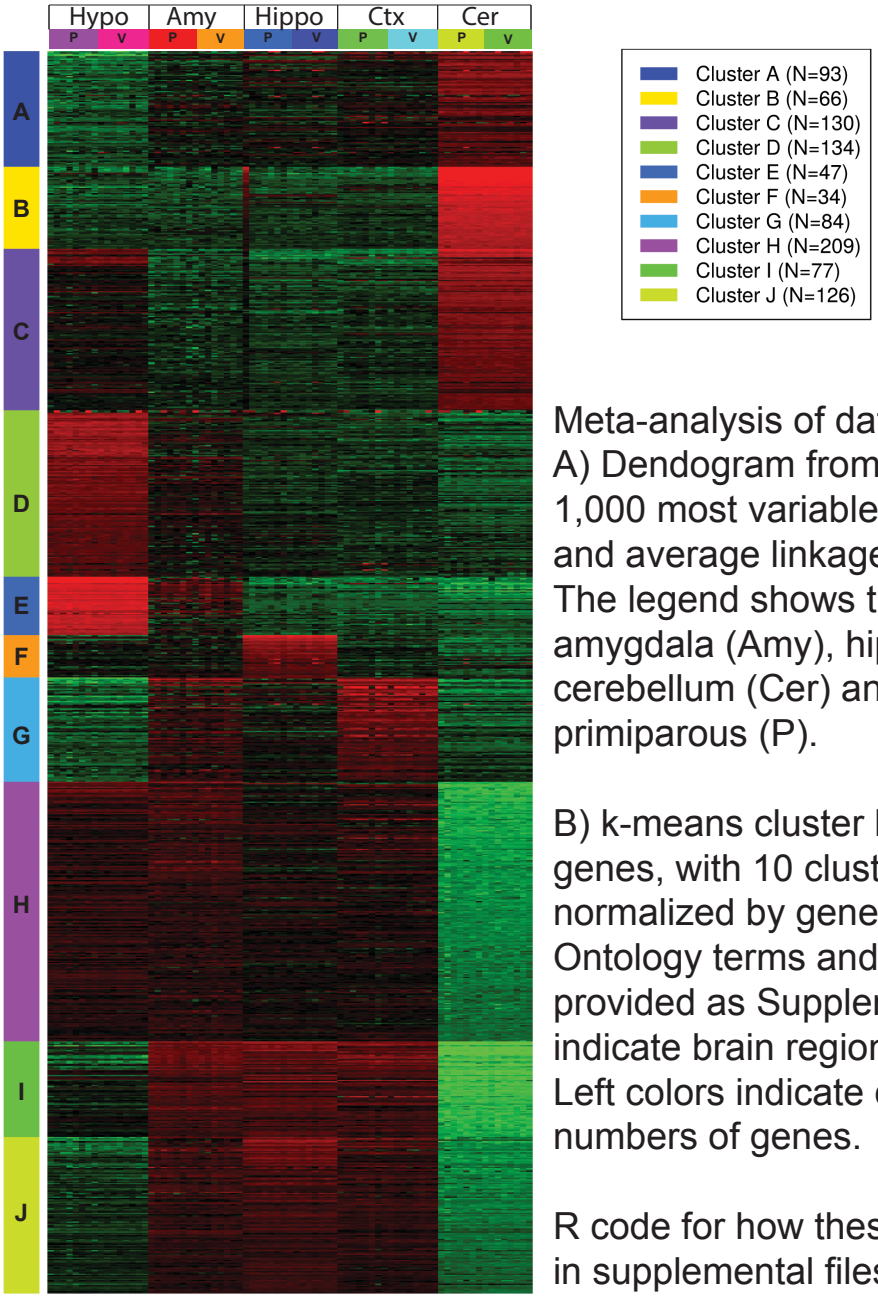
A




B







Meta-analysis of data--Supplemental Figure 1
A) Dendogram from heat map generated from top 1,000 most variable genes. The distance is correlation and average linkage was employed. The cut-off z score is 4. The legend shows the brain region hypothalamus (Hypo), amygdala (Amy), hippocampus (Hippo), cortex (Ctx) and cerebellum (Cer) and reproductive status: virgin (V) and primiparous (P).

B) k-means cluster based on top 1,000 most variable genes, with 10 clusters specified. The data are normalized by gene: mean center. The enriched Gene Ontology terms and KEGG pathways for each cluster are provided as Supplemental Figures 2-5. Top colors indicate brain region and mating status (legend same as A). Left colors indicate cluster letter, with legend showing numbers of genes.

R code for how these plots were generated is provided in supplemental files.