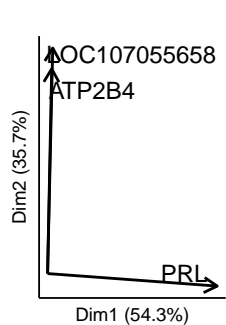
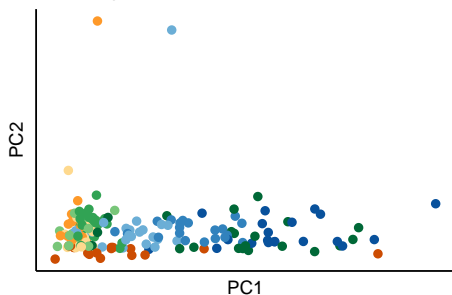
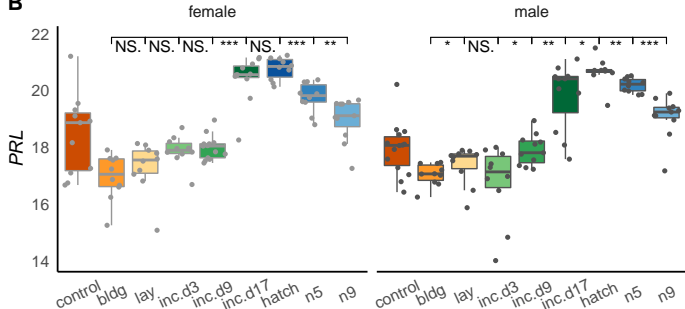
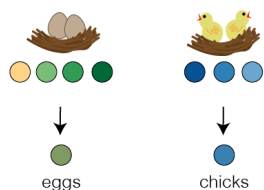
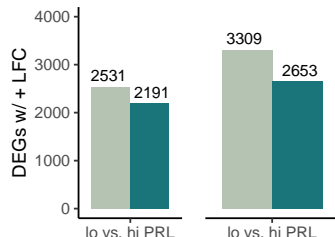
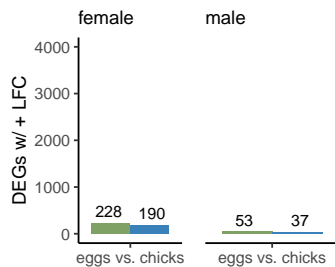
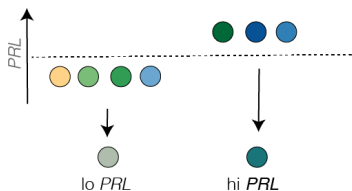
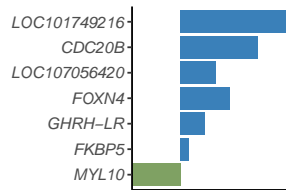


**A** Pituitary gene expression**B****C** Calculate differential expression due to the external environment

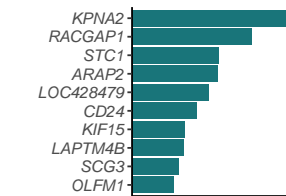
Calculate differential expression due to internal physiology



Top 10 female DEG

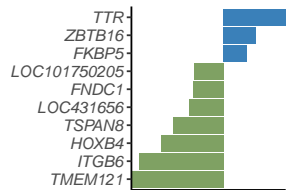


LFC eggs vs. chicks

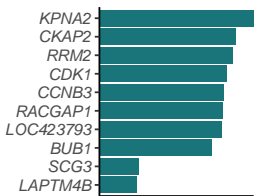


LFC lo vs. hi PRL

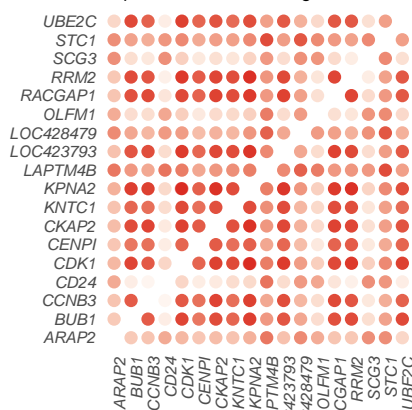
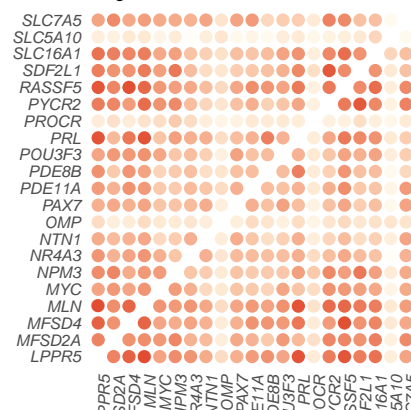
Top 10 male DEGs



LFC eggs vs. chicks



LFC lo vs. hi PRL

**D** Top 20 DEGs, low vs. high PRL**E** 20 genes in WGCNA module with PRL**F** Breast, ovary, & pituitary cancer genes