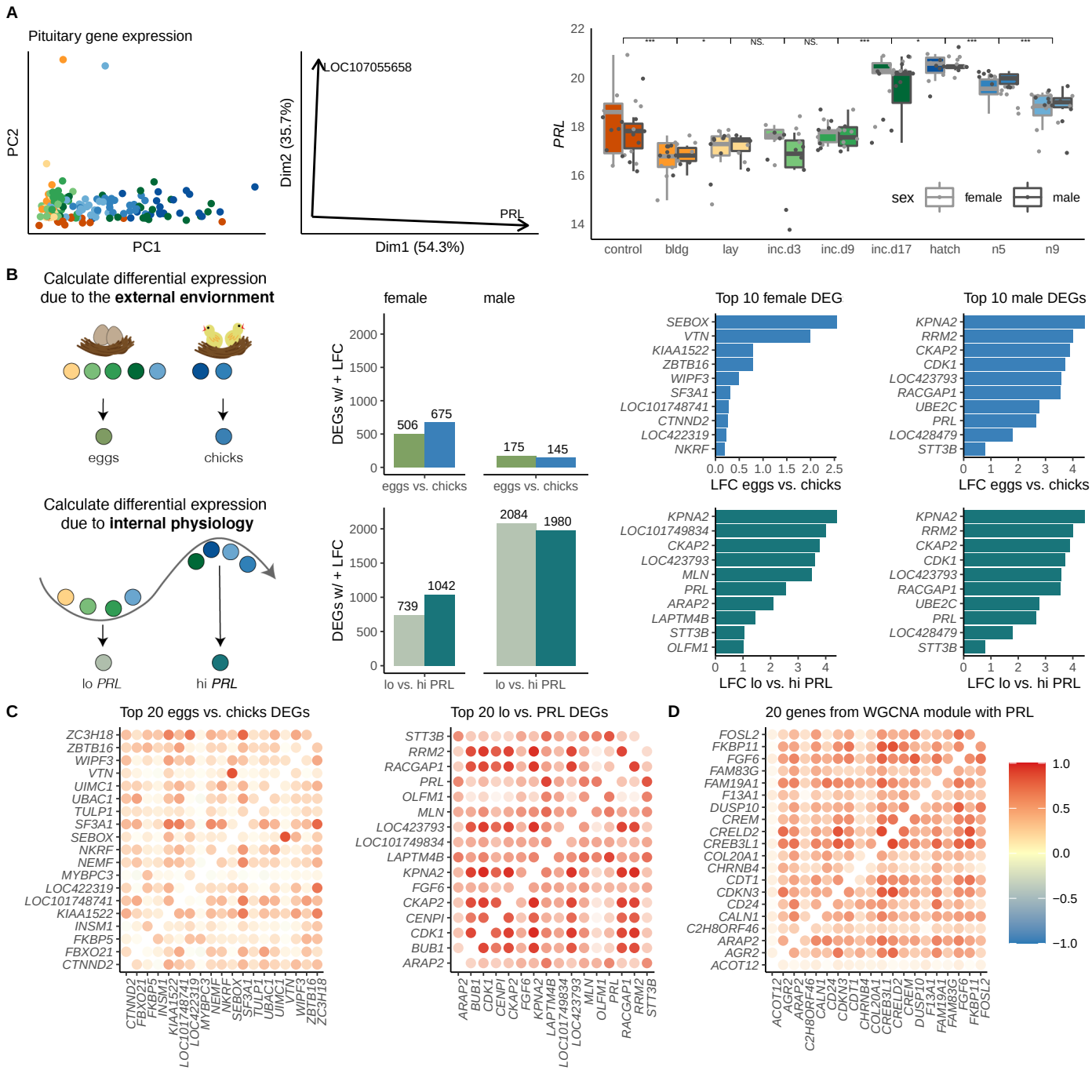
A
Pituitary gene expression
PC2
PC1
LOC107055658
Dim2 (35.7%)
PRL
Dim1 (54.3%)
PRL
sex
female
male
control
bldg
lay
inc.d3
inc.d9
inc.d17
hatch
n5
n9
B
Calculate differential expression due to the external enviornment
eggs
chicks
female
male
DEGs w/ + LFC
eggs vs. chicks
Top 10 female DEG
Top 10 male DEGs
LFC eggs vs. chicks
Calculate differential expression due to internal physiology
lo PRL
hi PRL
lo vs. hi PRL
LFC lo vs. hi PRL
C
Top 20 eggs vs. chicks DEGs
Top 20 lo vs. PRL DEGs
D
20 genes from WGCNA module with PRL