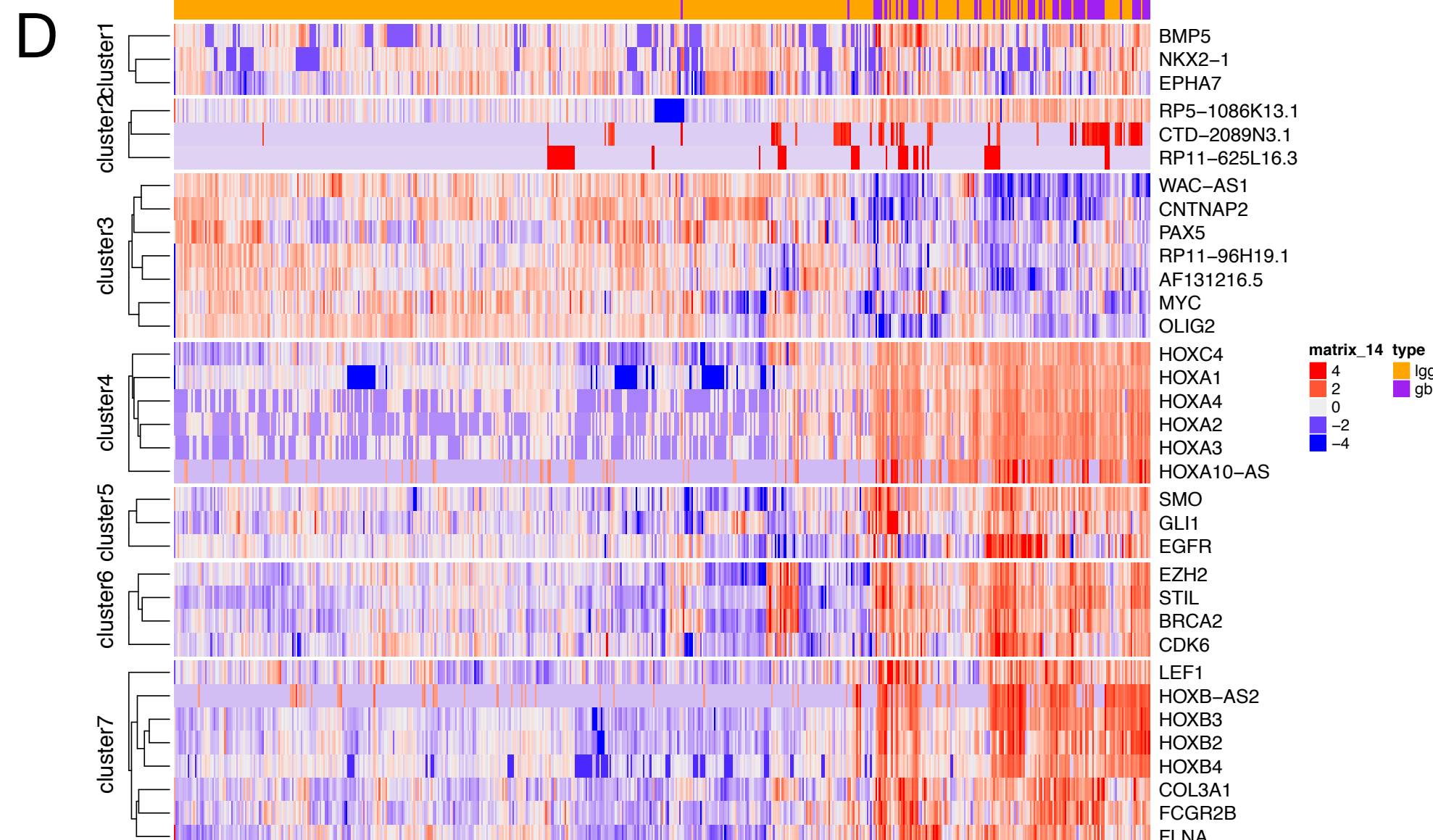
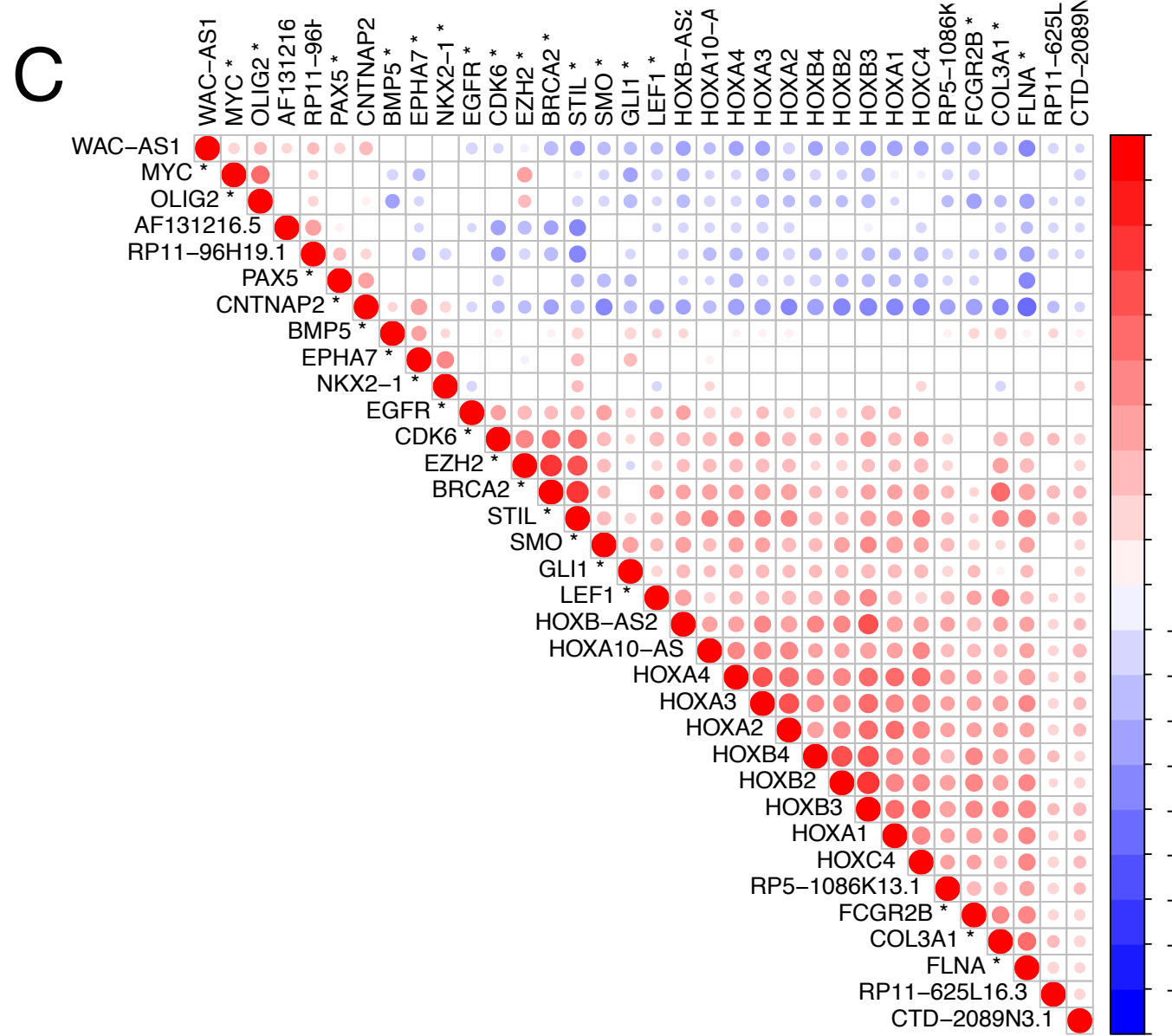
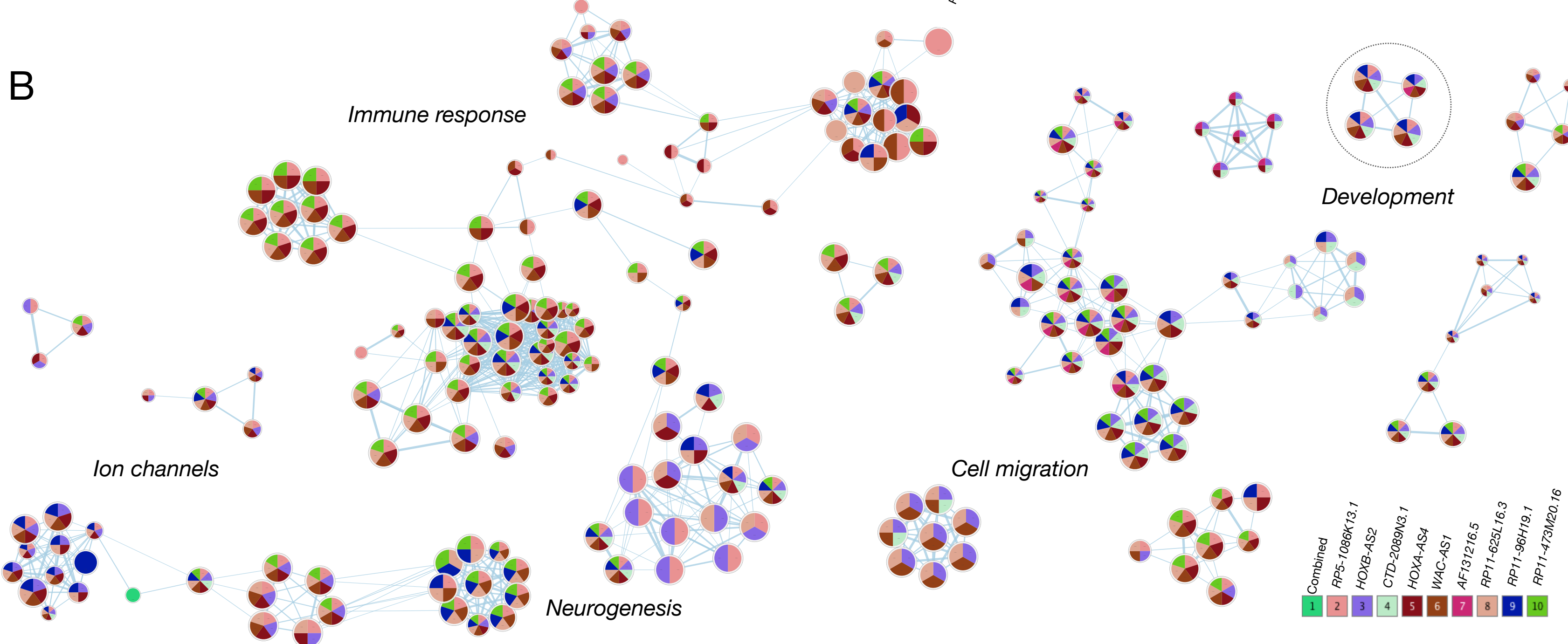
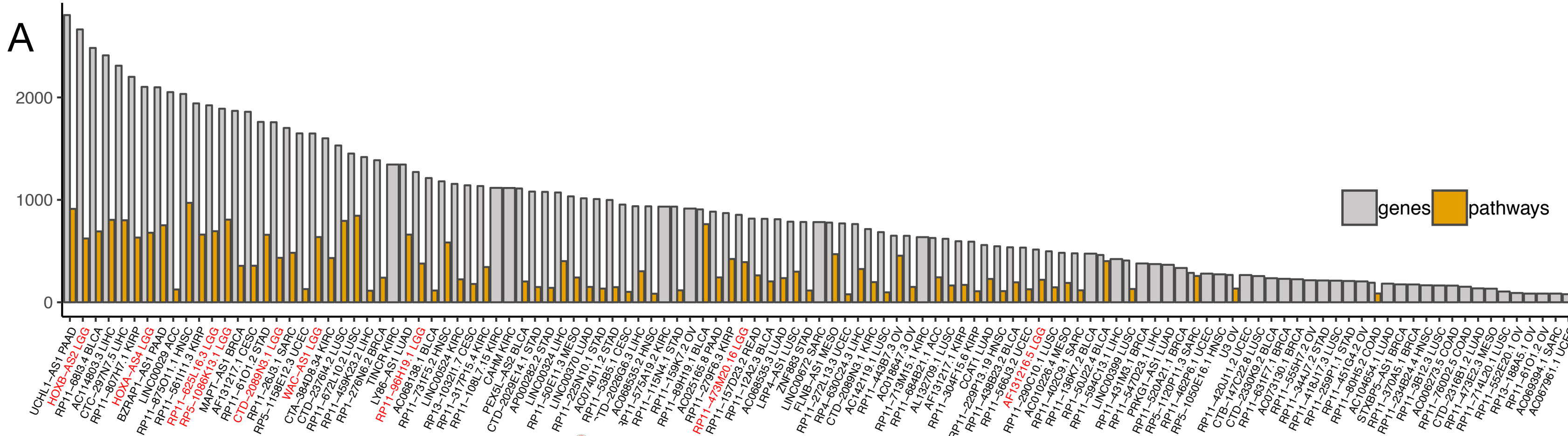
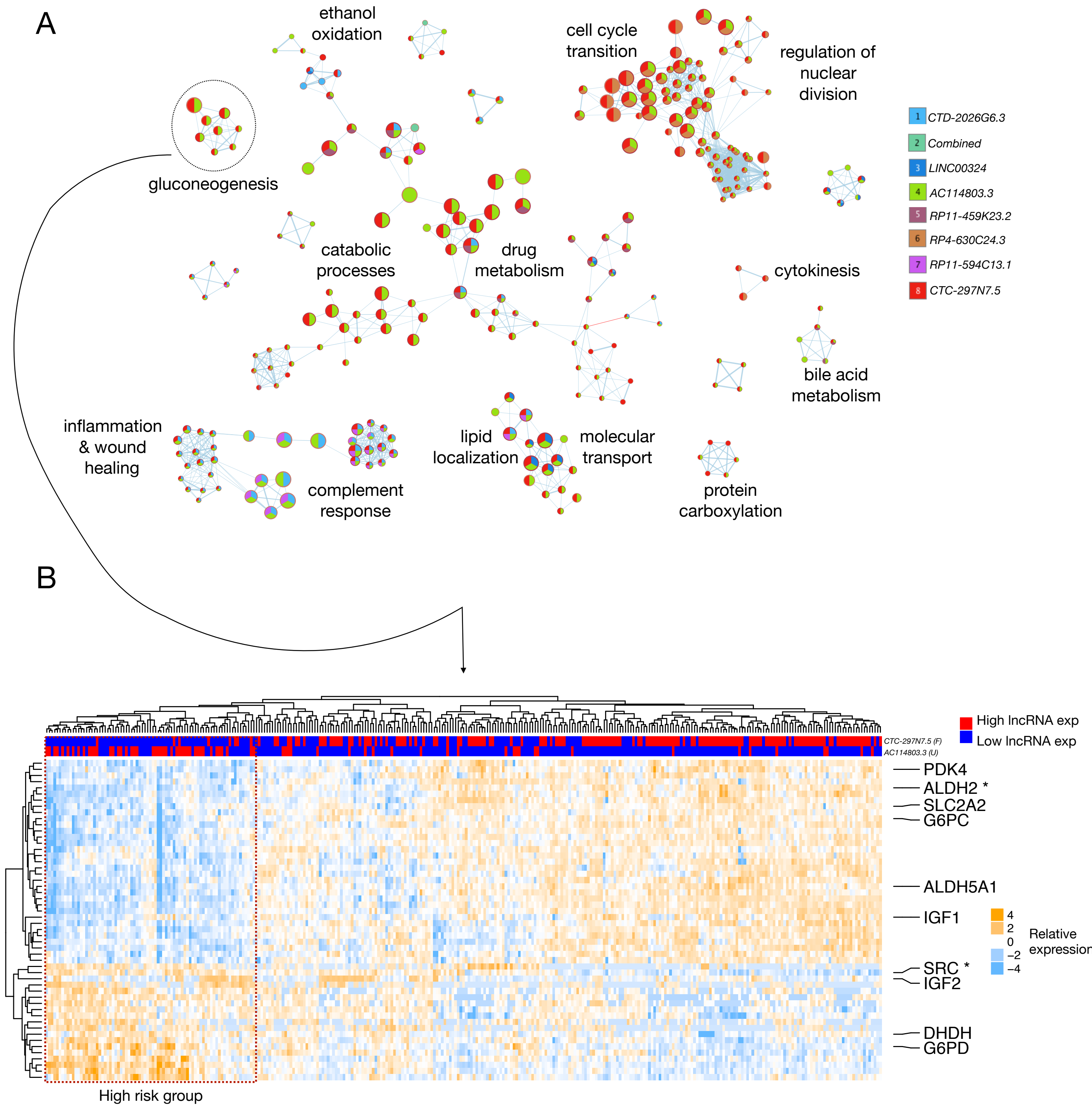


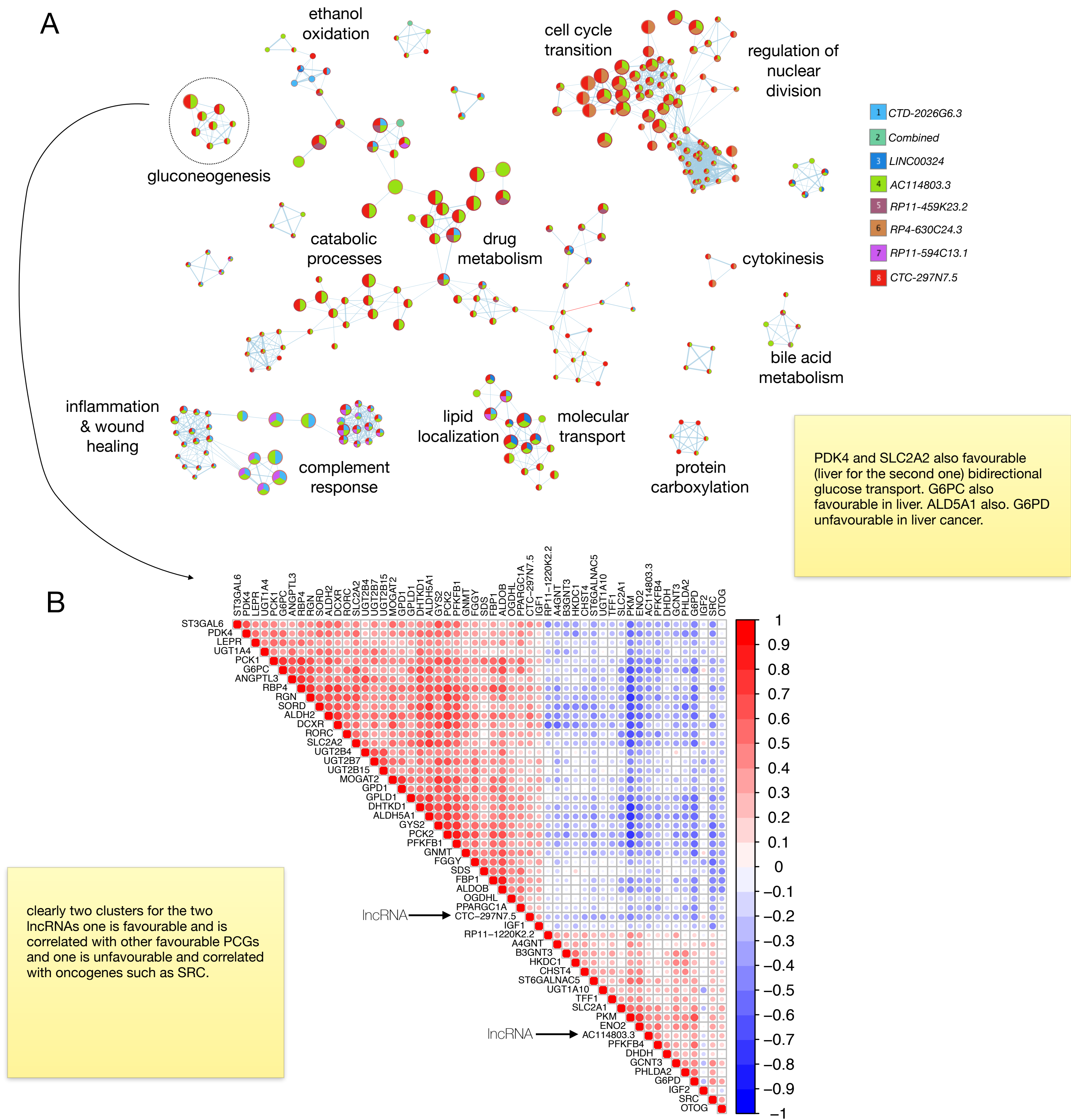
Figure 6



Supplementary Figure 6



Supplementary Figure 6 V2



most of these PCGs are not prognostic
HOXA1 - unfavourable in head and neck cancer
HOXA4 - unfavourable in endometrial cancer
HOXA3 - unfavourable in renal cancer

but these lncRNAs actually are associated with lots of pathways
1000s to hundreds of genes but we can see that they still fall on the same pathways

maybe survival curve taking into account pathway
developmental active pathways vs inactive pathways

EPHA7 -> brain development nervous system (upregulated bad)

CNTNAP2 -> one of largest genes, regulated by FOXP2 related to speech and language development
PAX5 -> early regulator of development B cell lineage specific activator, developing CNAs and testis
OLIG2 -> essential regulator of ventral neuroectodermal progenitor cell fate
^ down regulated good genes

GLI1 -> The activity and nuclear localization of this protein is negatively regulated by p53 in an inhibitory loop. activated by sonic hedgehog.

EZH2
are these genes also more expression in GBM compared to LGG
ie, low risk LGG, high risk LGG, GBM