

Figure S1

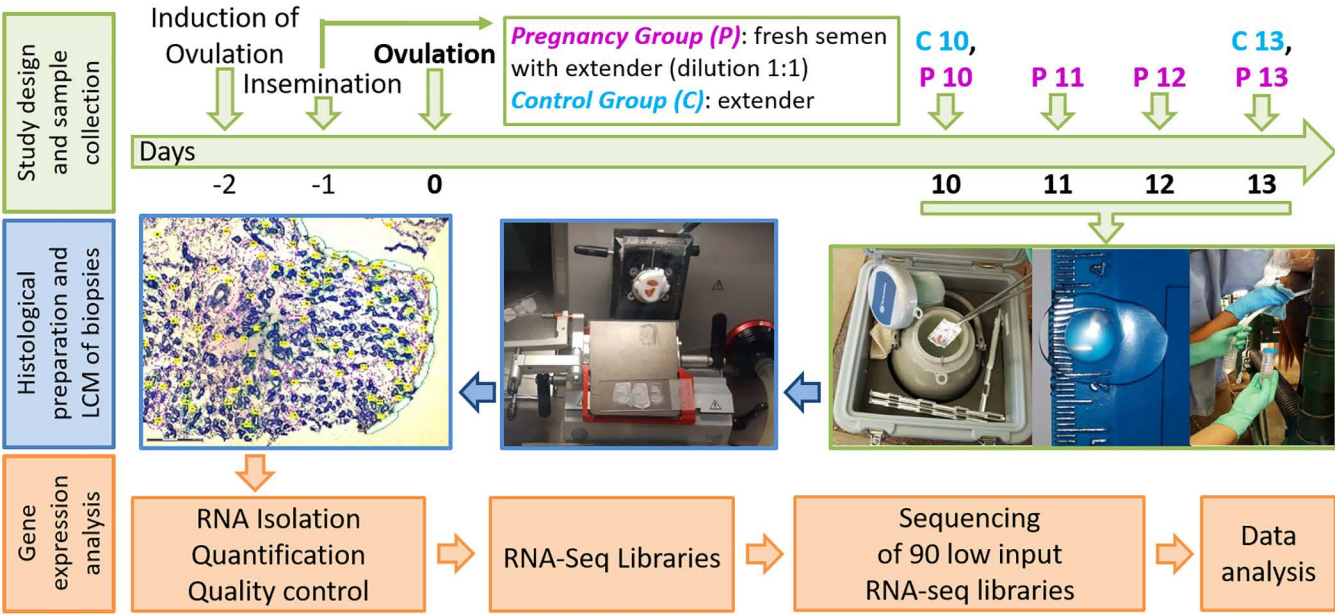
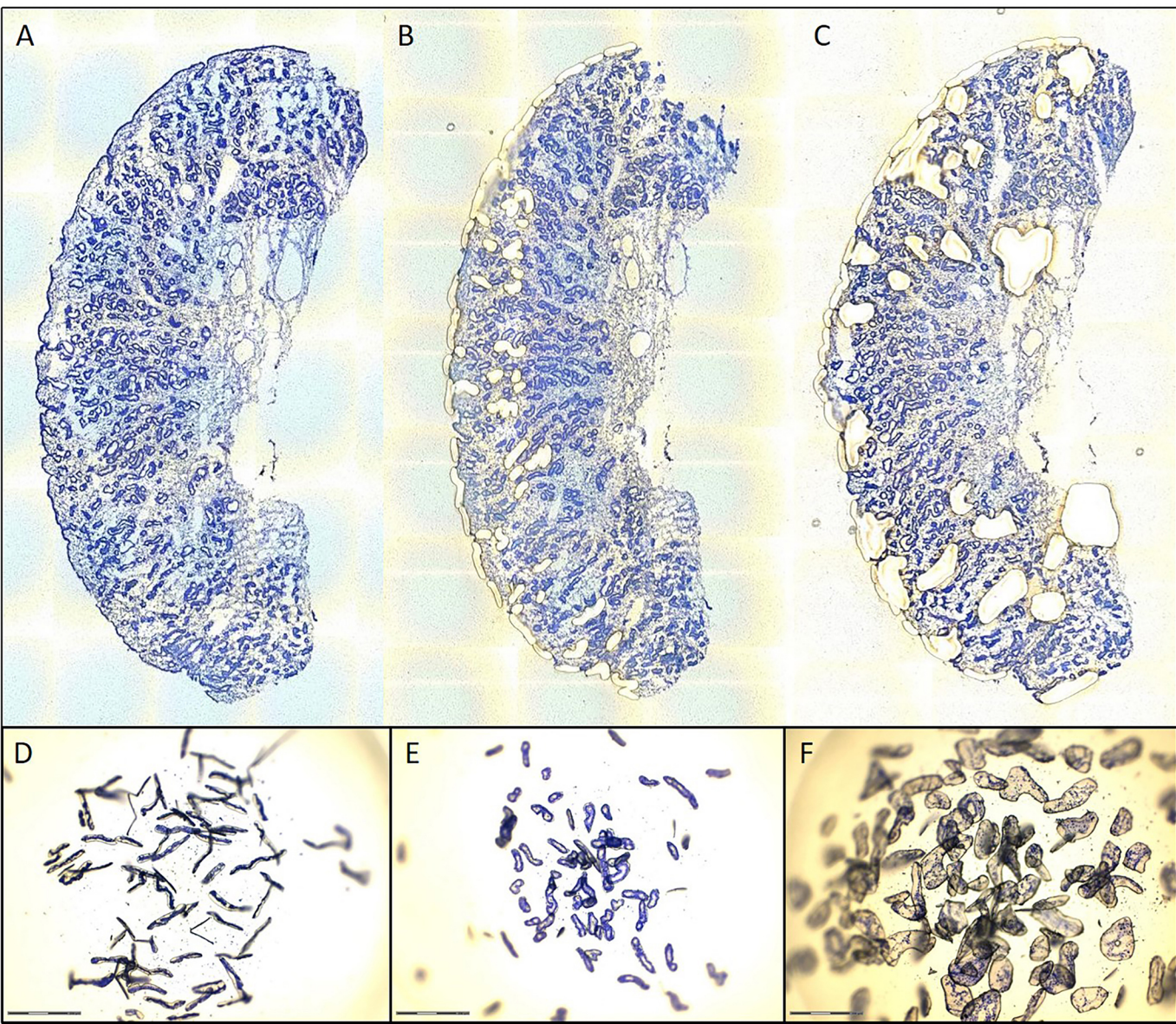


Figure S2



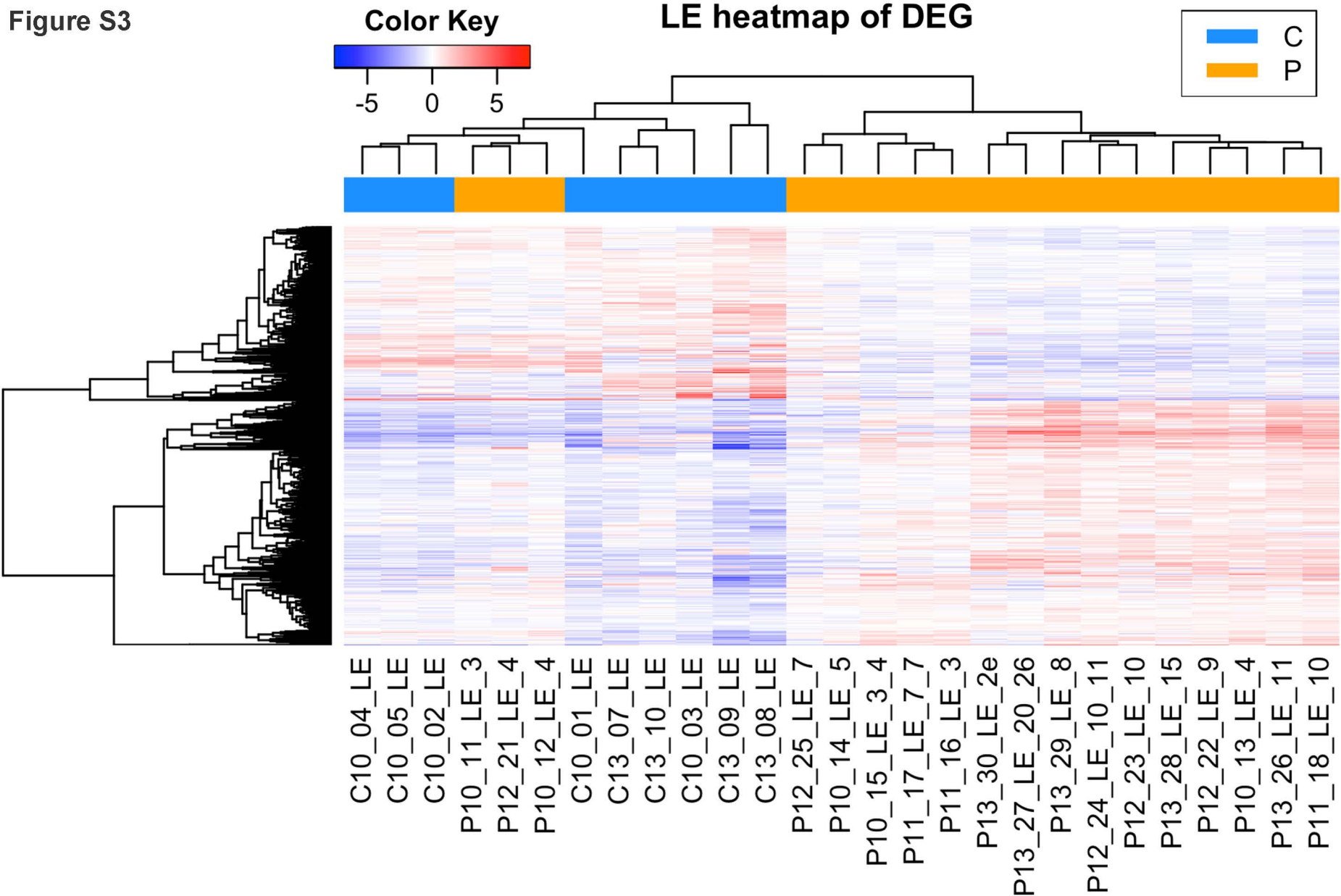


Figure S4

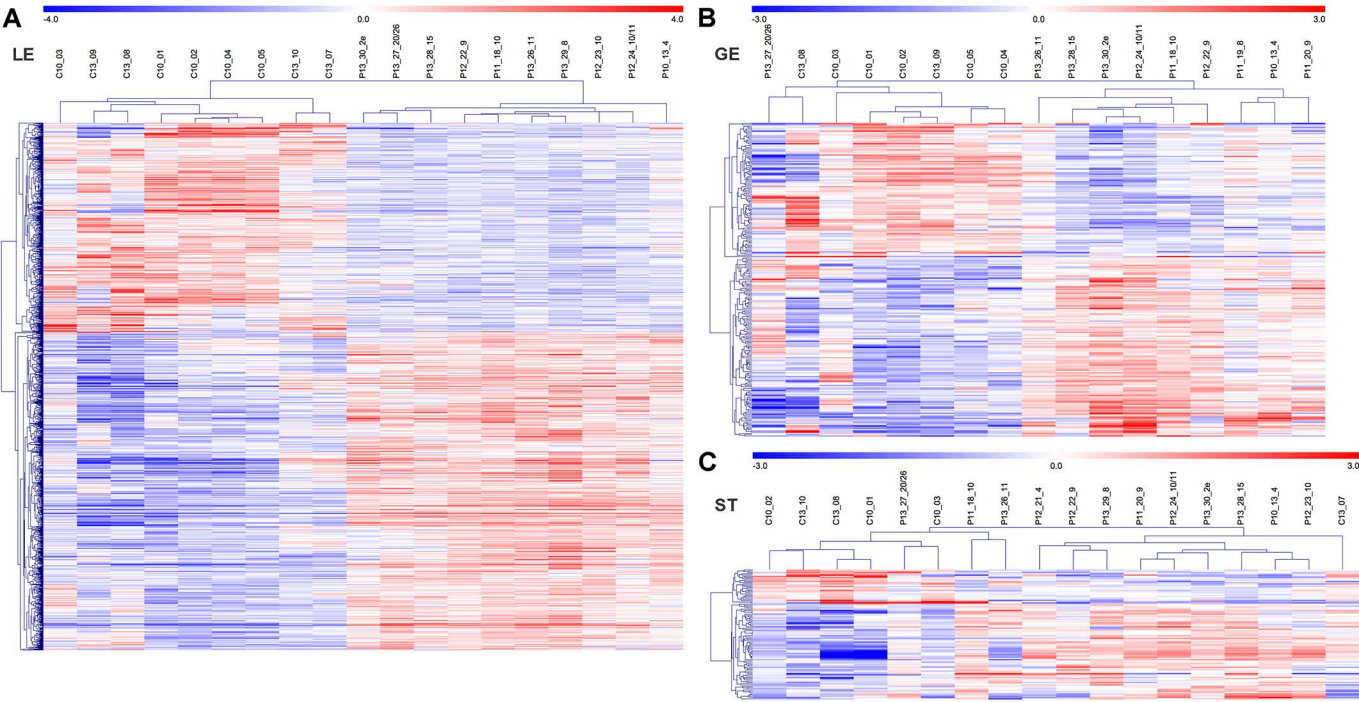
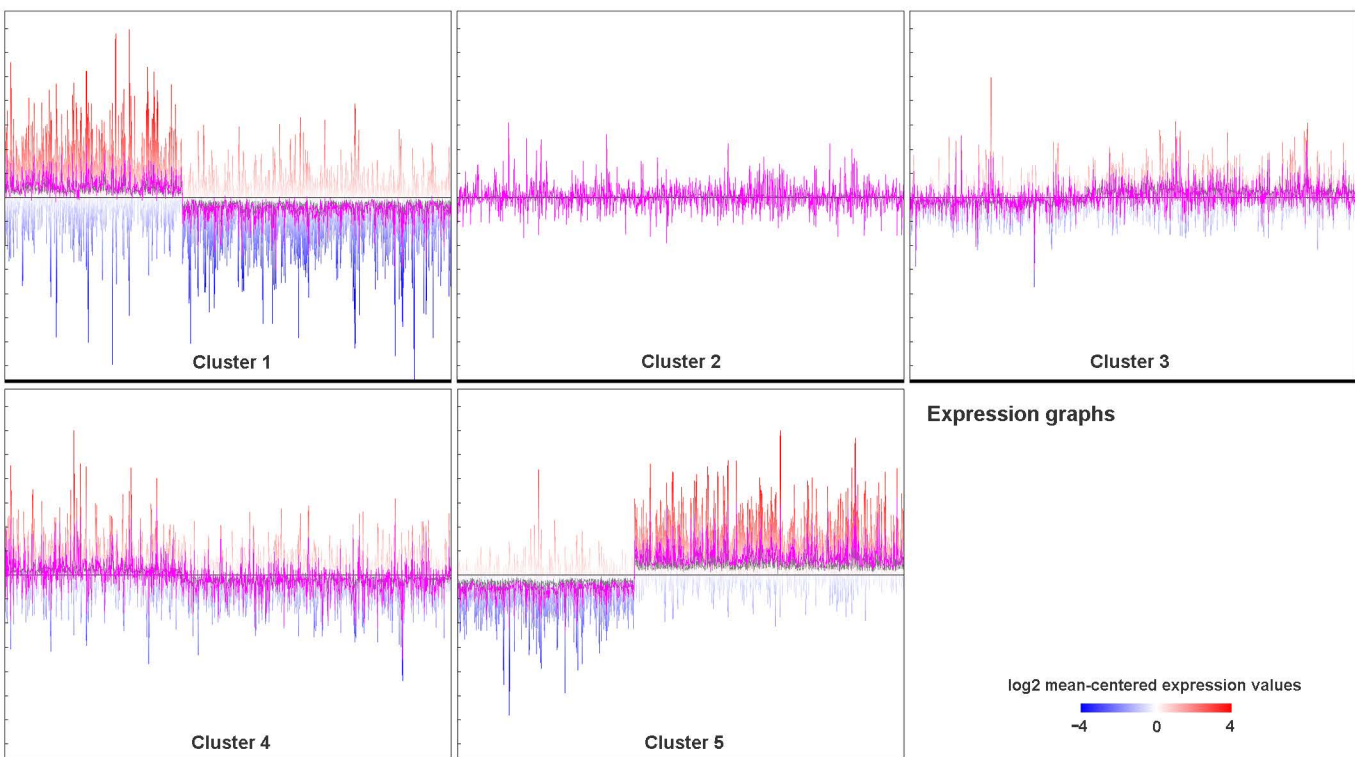
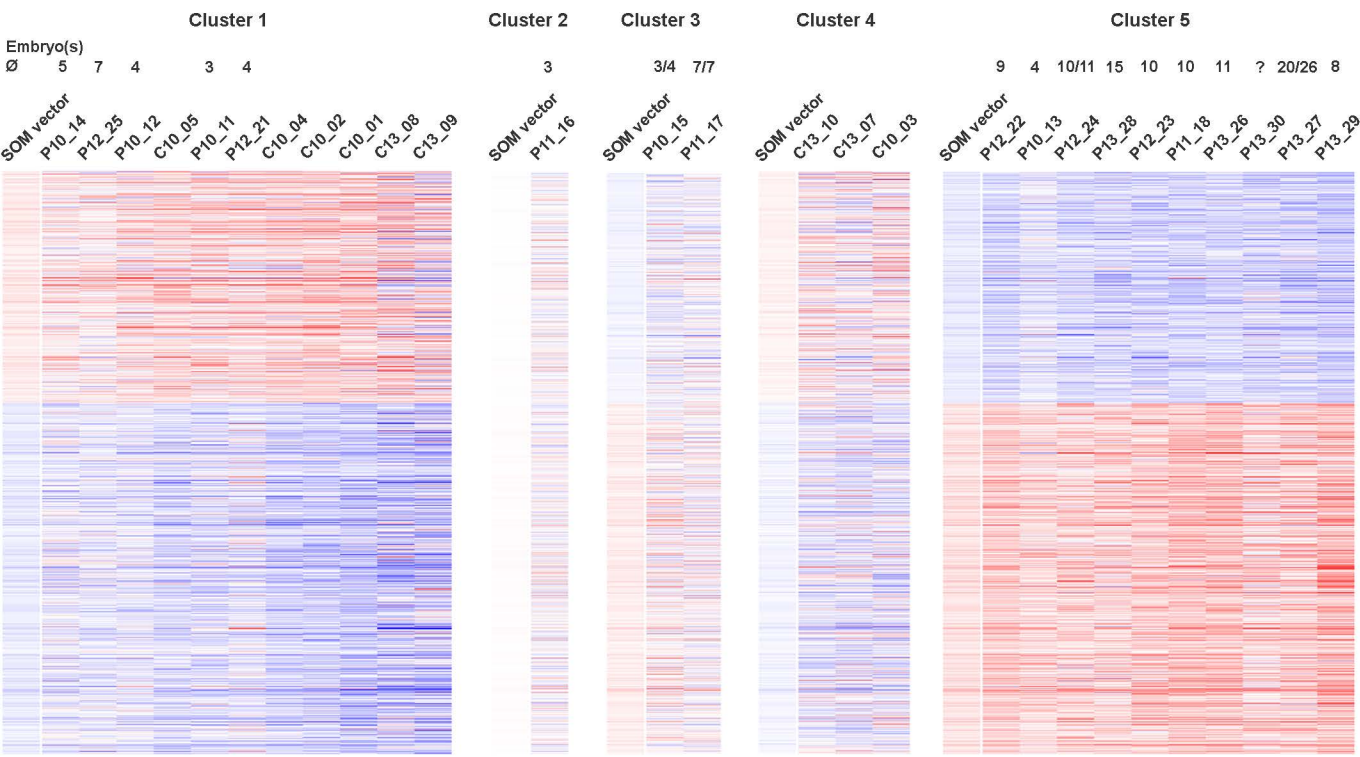


Figure S5



Expression images



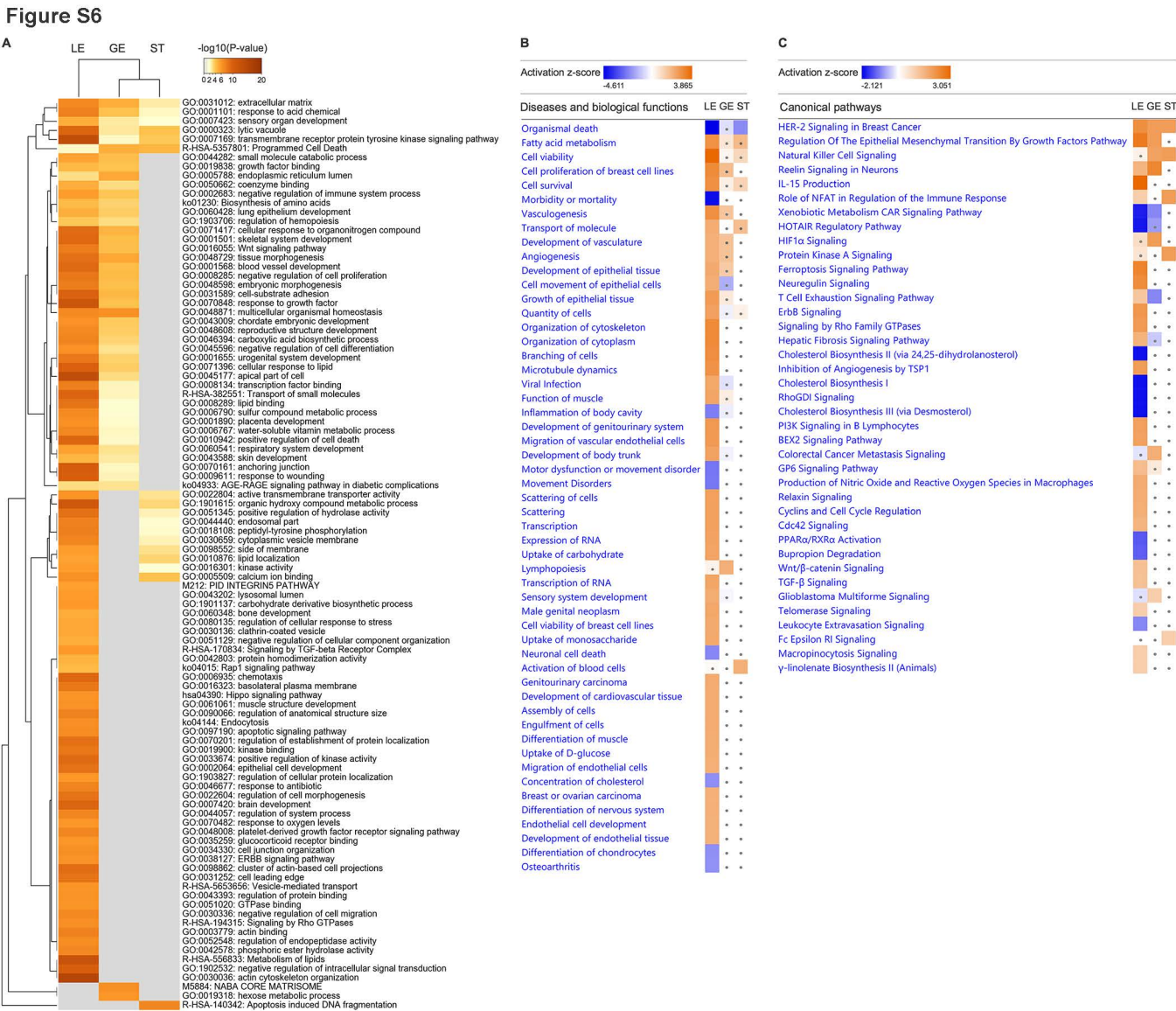
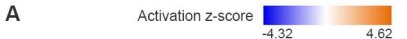


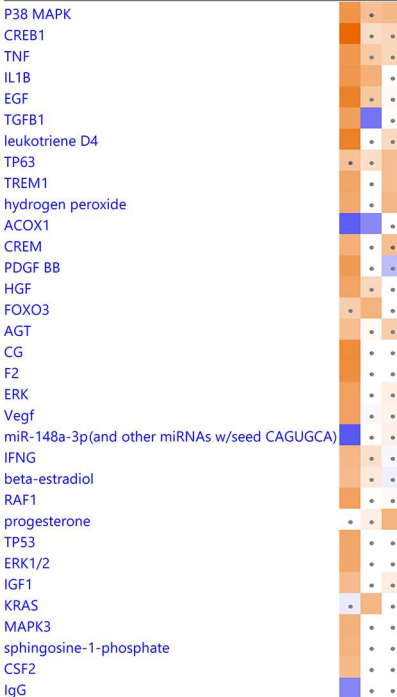
Figure S7

A



Upstream regulator

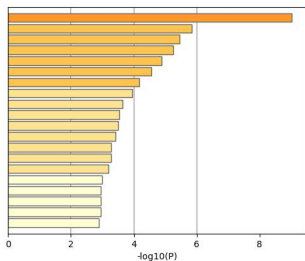
LE GE ST



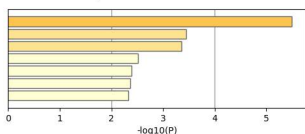
B

Metascape TRRUST

Luminal epithelium



Glandular epithelium



Stroma

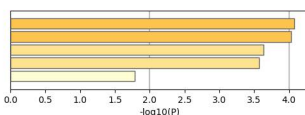


Figure S8

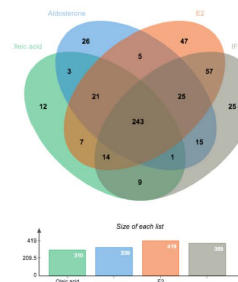
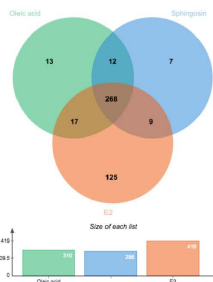
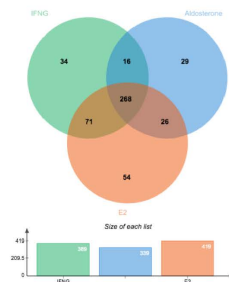
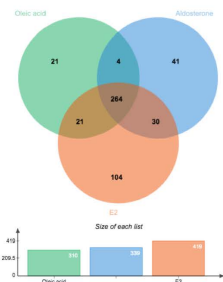
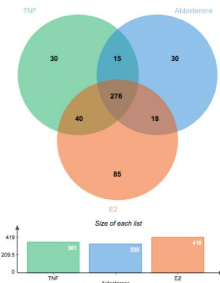
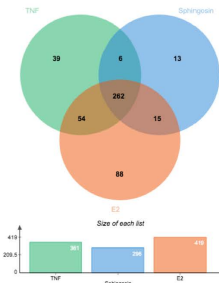
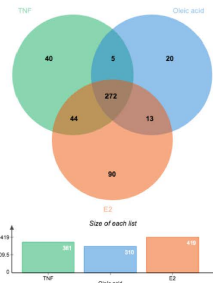
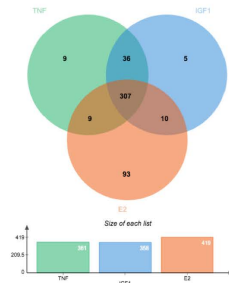
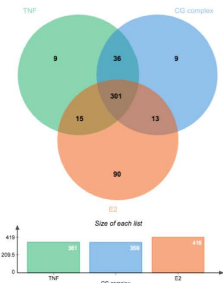
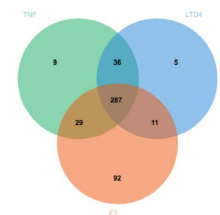
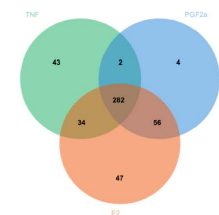
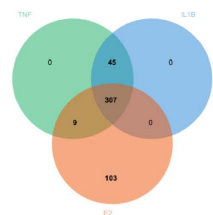
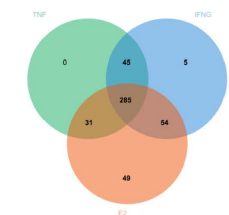
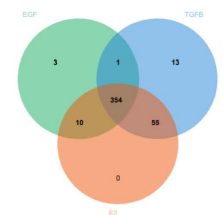
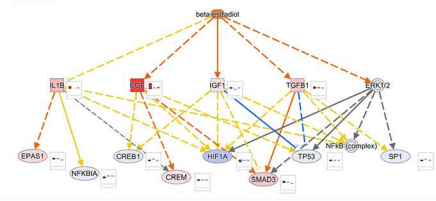
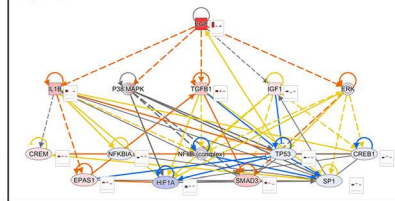


Figure S9

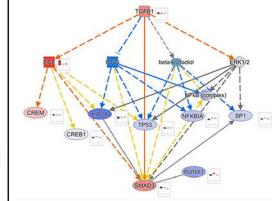
beta-estradiol



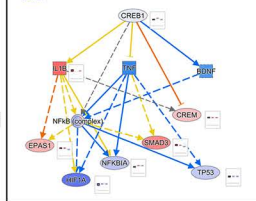
EGF regulator network



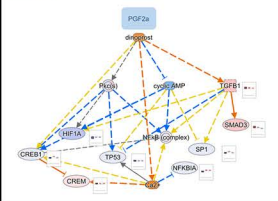
TGFβ1



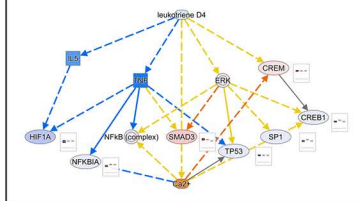
CREB1



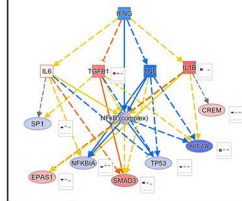
Onoprost - PGF2a



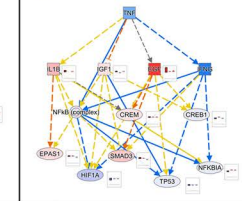
leukotriene D4



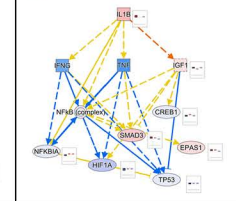
IFNγ



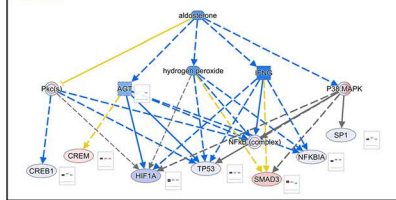
TNF



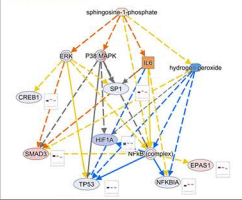
IL1B



aldosterone



sphingosine-1-phosphate



oleic acid

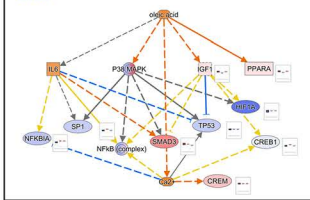




Figure S11

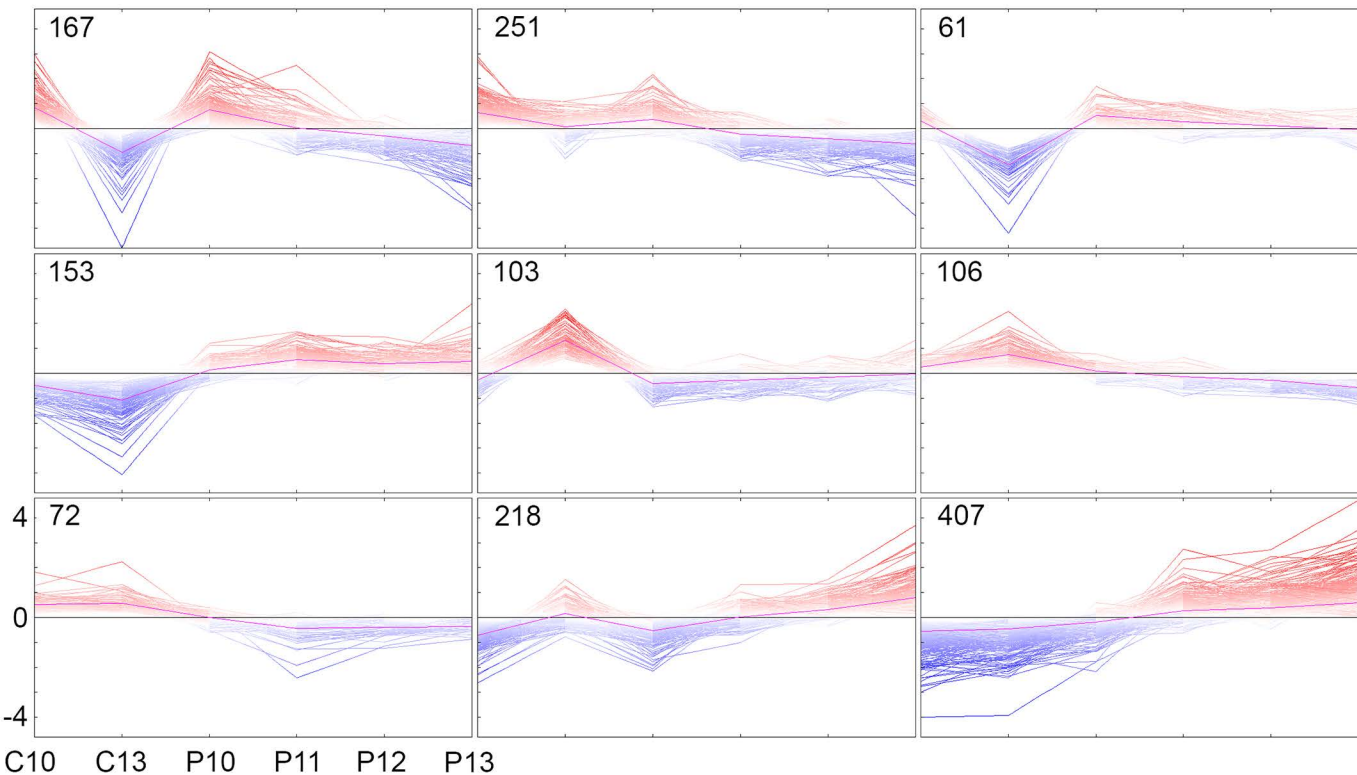


Figure S12

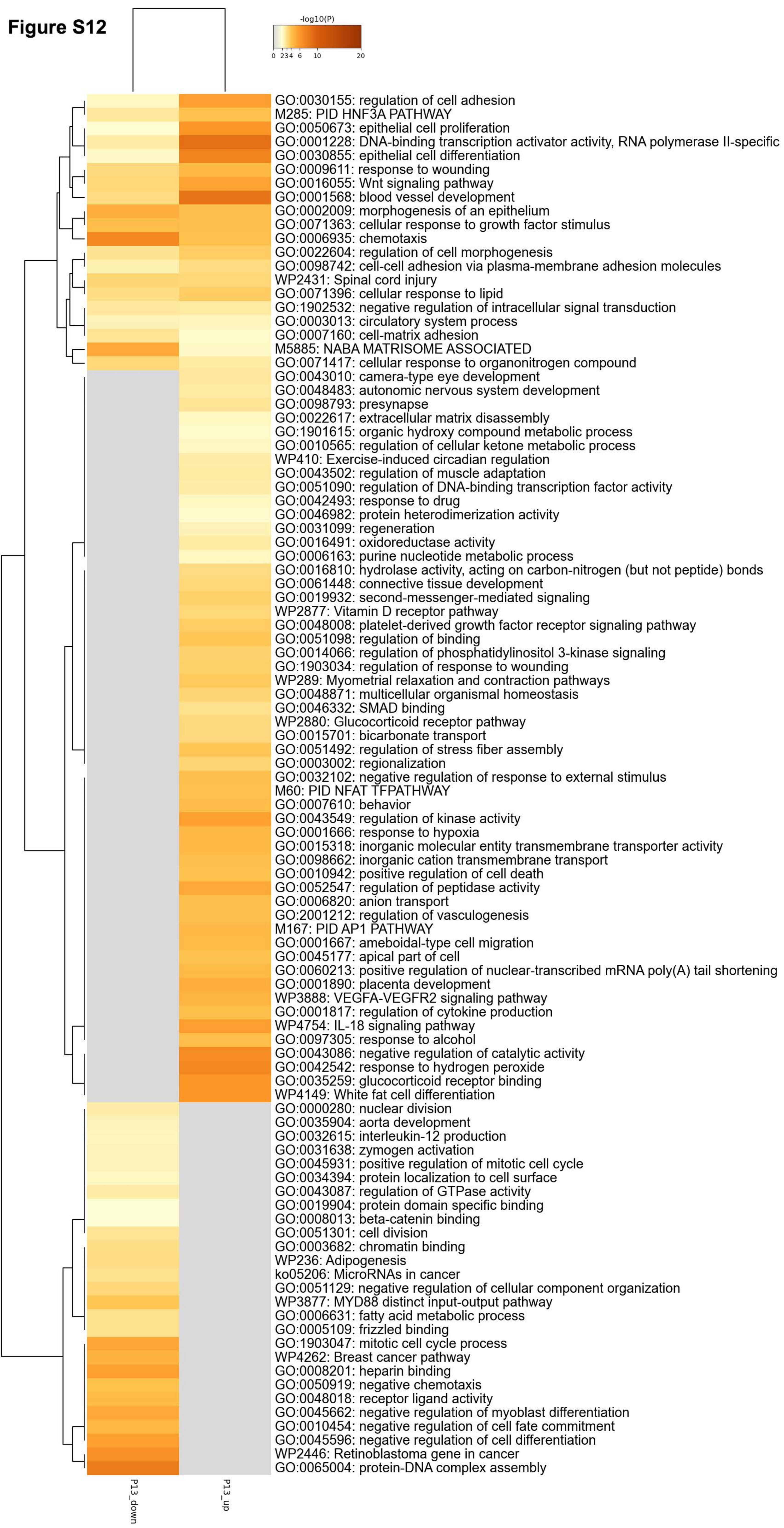


Figure S13

Extracellular Space

Plasma Membrane

Cytoplasm

Nucleus

