**Enrichment of Significant Genes Enrichment of Genes Thresholded at 95 percentile** positive regulation of programmed cell death on factor activity, RNA polymerase II distal enhancer sequence–specific binding protease binding PDZ domain binding cellular protein complex disassembly catalytic activity, acting on DNA endocytosis behavior ribonucleoprotein complex regulation of cell size laminin-1 binding response to steroid hormone DNA replication, Okazaki fragment processing membrane assembly dystrophin-associated glycoprotein complex oncostatin-M receptor activity negative regulation of nitrogen compound metabolic process RNA polymerase II proximal promoter sequence-specific DNA binding growth factor activity membrane raft cellular response to amino acid stimulus platelet degranulation positive regulation of Rho protein signal transduction plasma membrane organization base-excision repair neuromuscular junction positive regulation of cardiac epithelial to mesenchymal transition platelet alpha granule caveola cellular response to vitamin receptor complex bleb assembly glycosaminoglycan biosynthetic process platelet alpha granule PDZ domain binding activity, RNA polymerase II proximal promoter sequence–specific DNA binding molecular function regulator calcium ion binding regulation of phosphorylation transmembrane receptor protein kinase activity actin cytoskeleton ribosome biogenesis glycosaminoglycan metabólic process regulation of hydrolase activity collagen metabolic process collagen metabolic process cell leading edge DNA-dependent DNA replication cell surface response to wounding plasma membrane cell-substrate junction 'adherens junction growth factor binding extracellular matrix structural constituent extracellular matrix structural constituent extracellular matrix organization collagen-containing extracellular matrix anatomical structure morphogenesis collagen-containing extracellular matrix 0 40 50 0 20 30 30

All

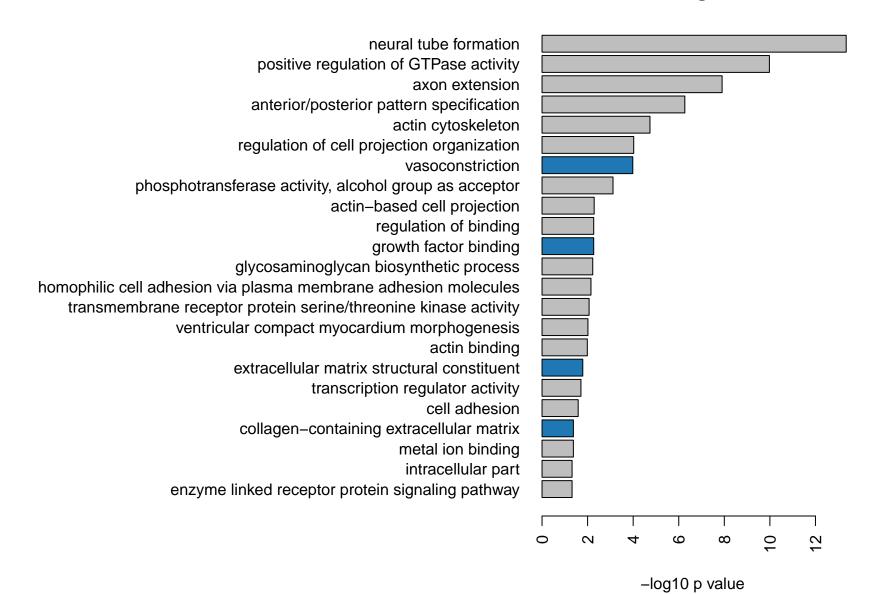
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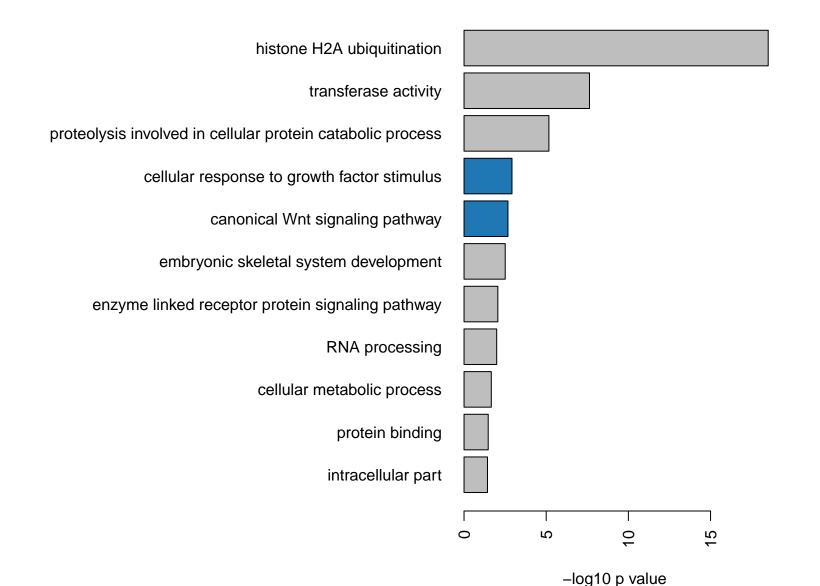
All

-log10 p value

#### Autoimmune Enrichment of Significant Genes

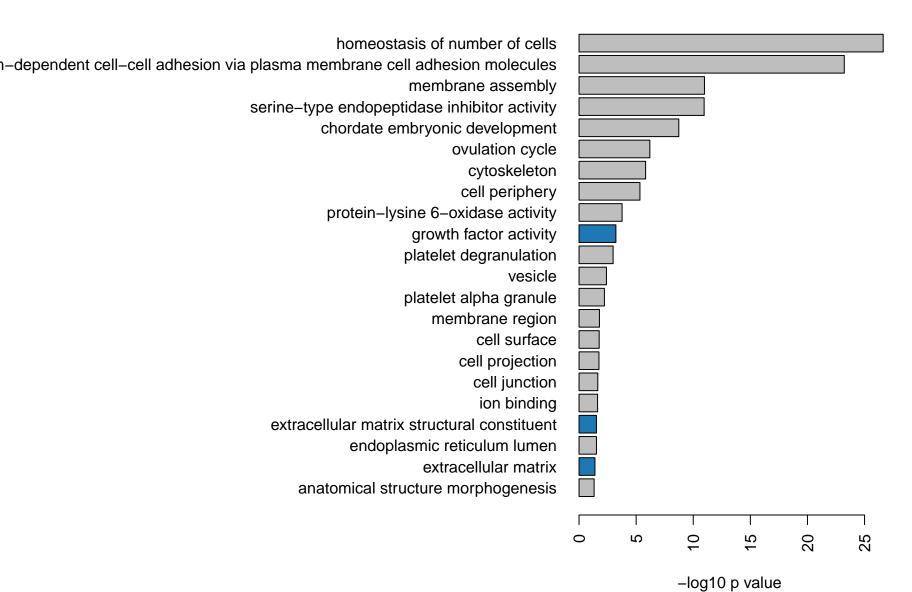
## Autoimmune Enrichment of Genes Thresholded at 95 percentile

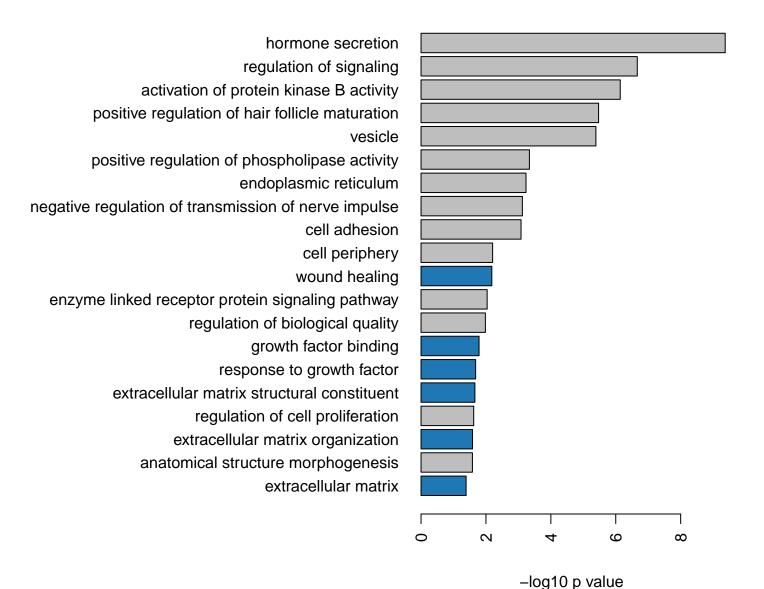




EMT
Enrichment of Significant Genes

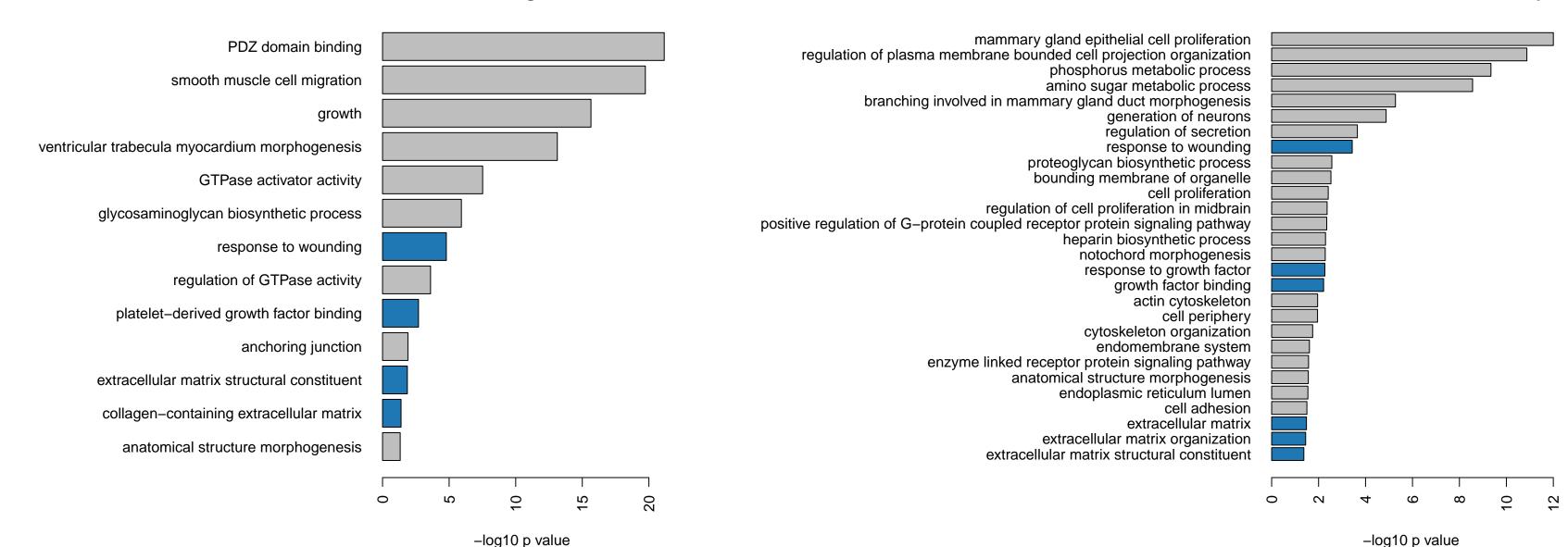






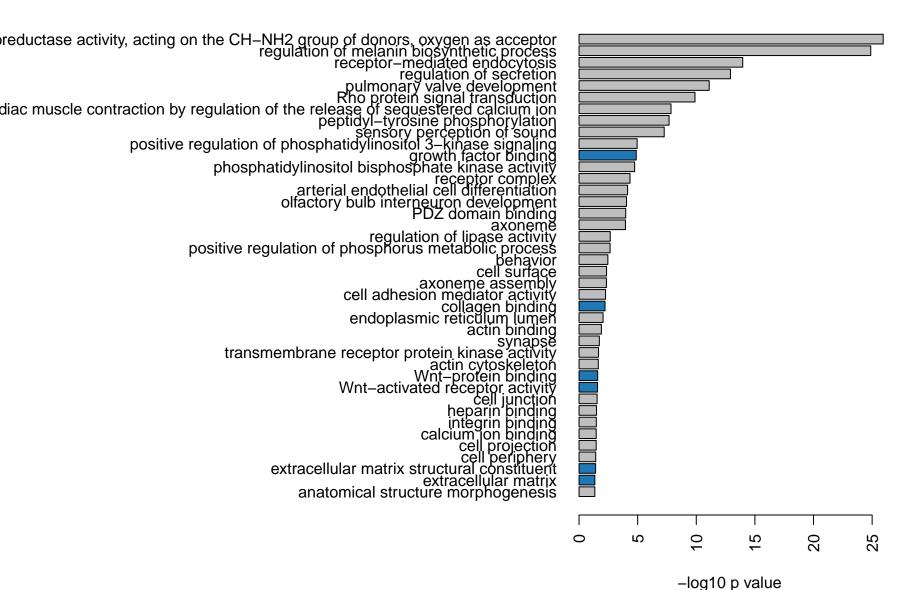
Fibrosis
Enrichment of Significant Genes

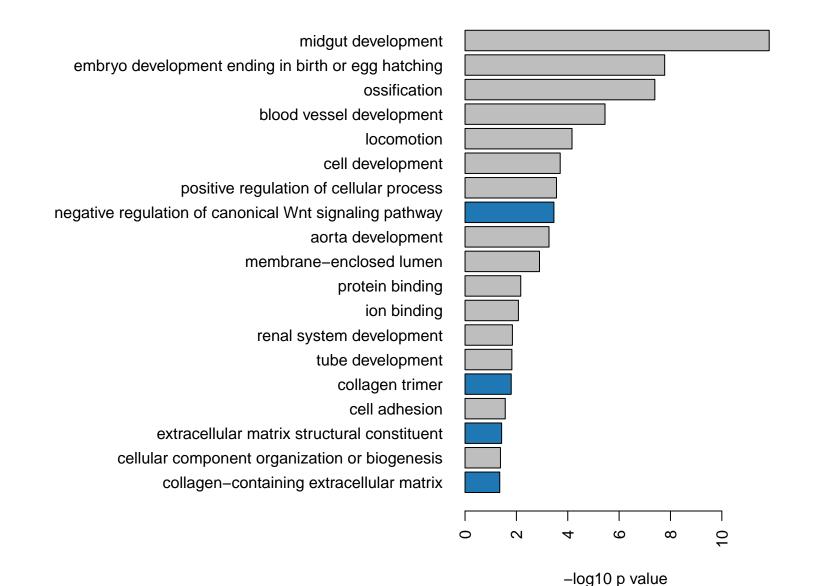
## Fibrosis Enrichment of Genes Thresholded at 95 percentile



ILD\_PAH
Enrichment of Significant Genes

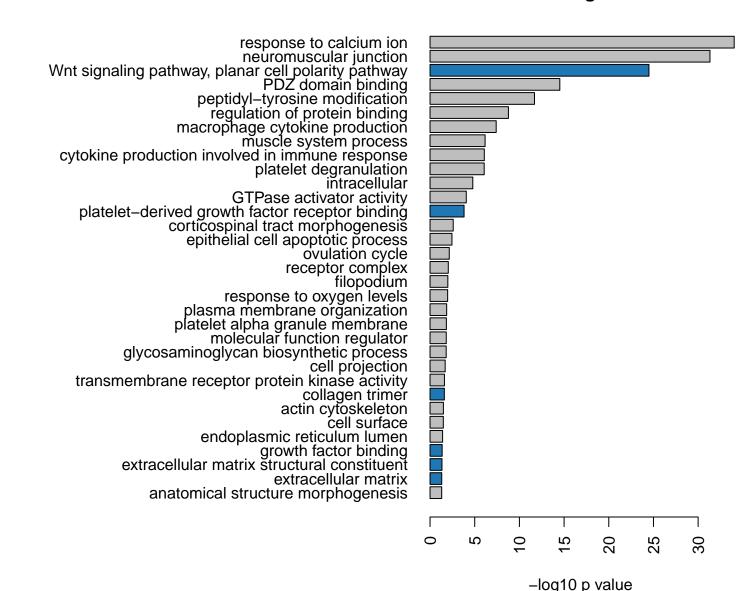
### ILD\_PAH Enrichment of Genes Thresholded at 95 percentile

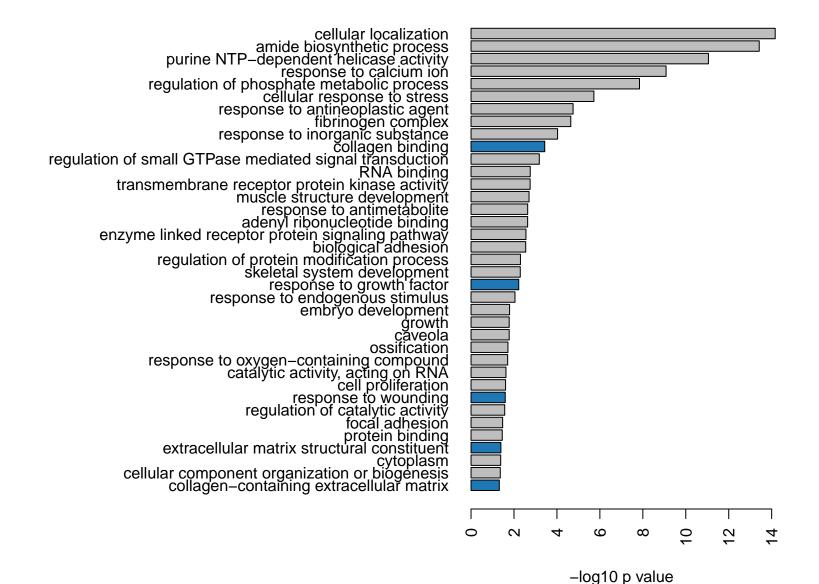




Lung
Enrichment of Significant Genes

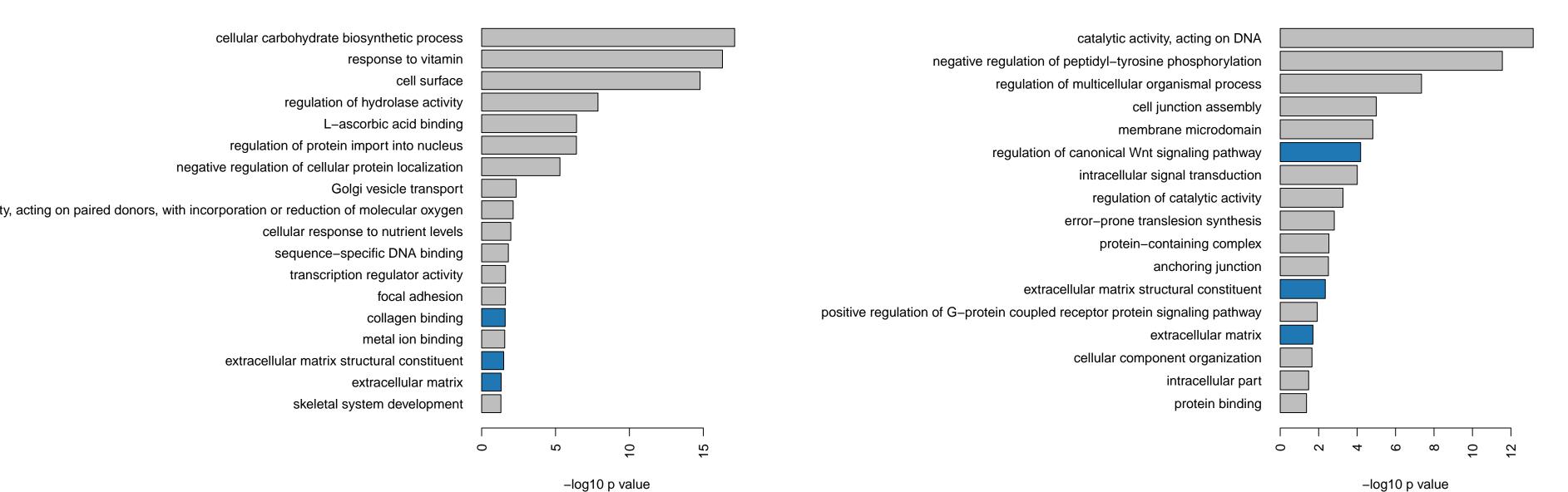
Lung
Enrichment of Genes Thresholded at 95 percentile







# Skin Enrichment of Genes Thresholded at 95 percentile



SSc Enrichment of Significant Genes



