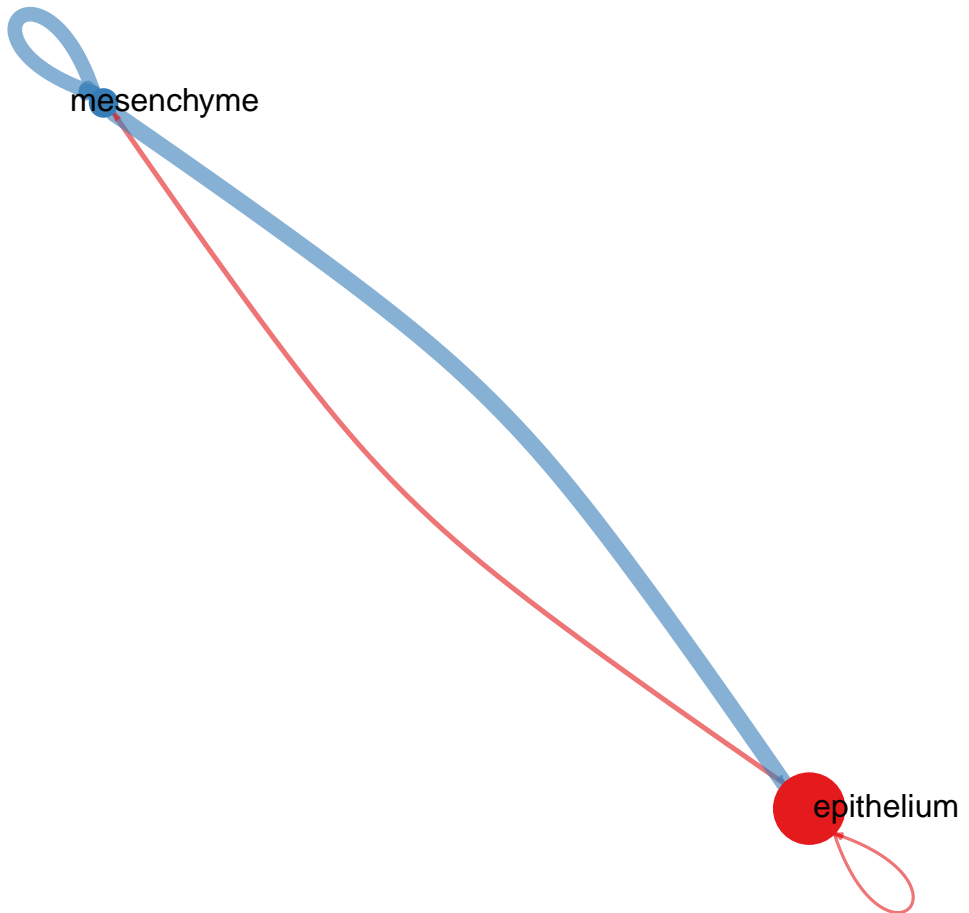
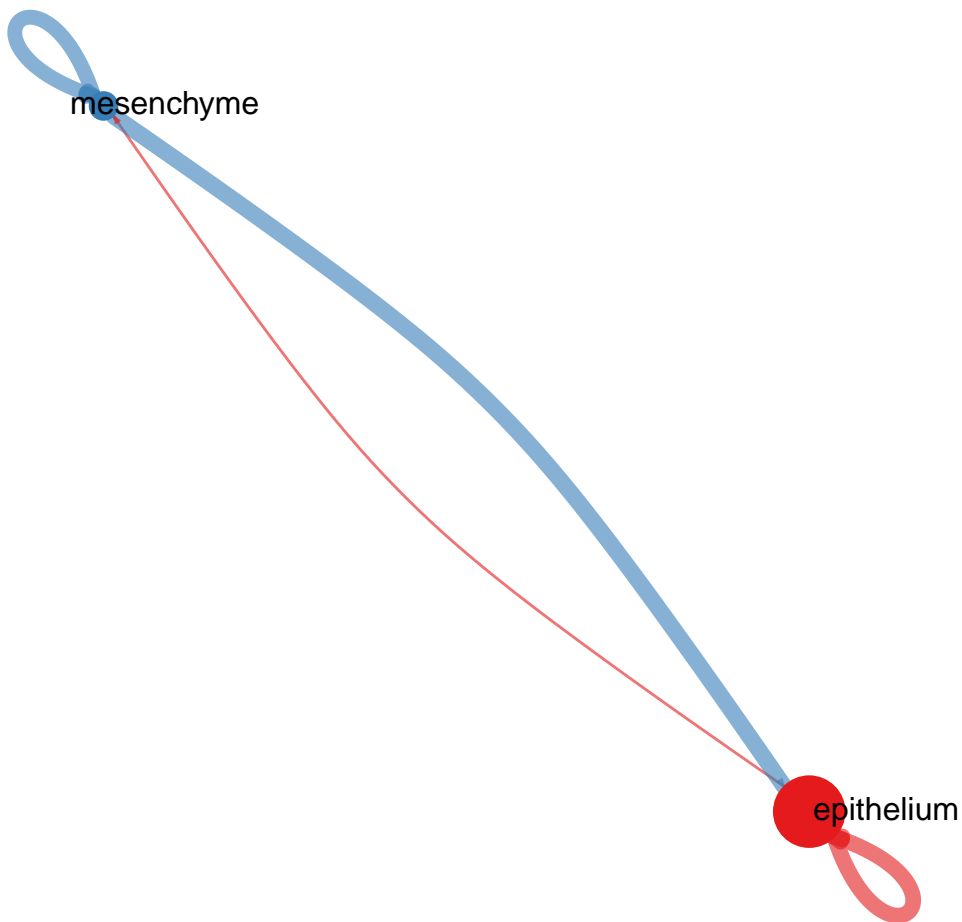


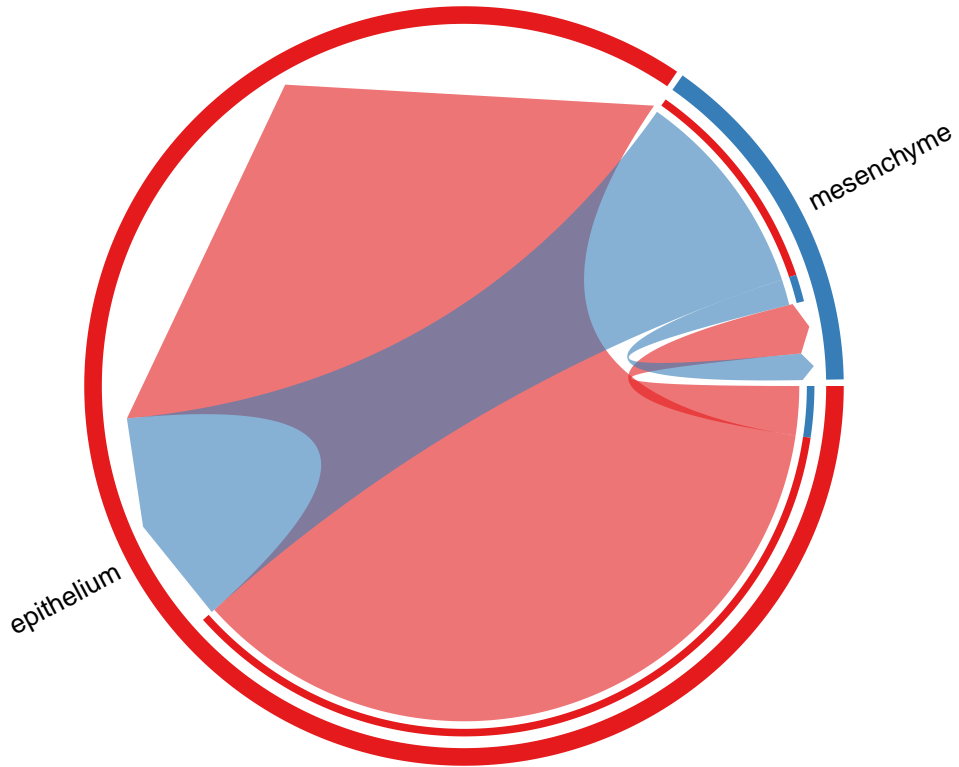
Number of interactions



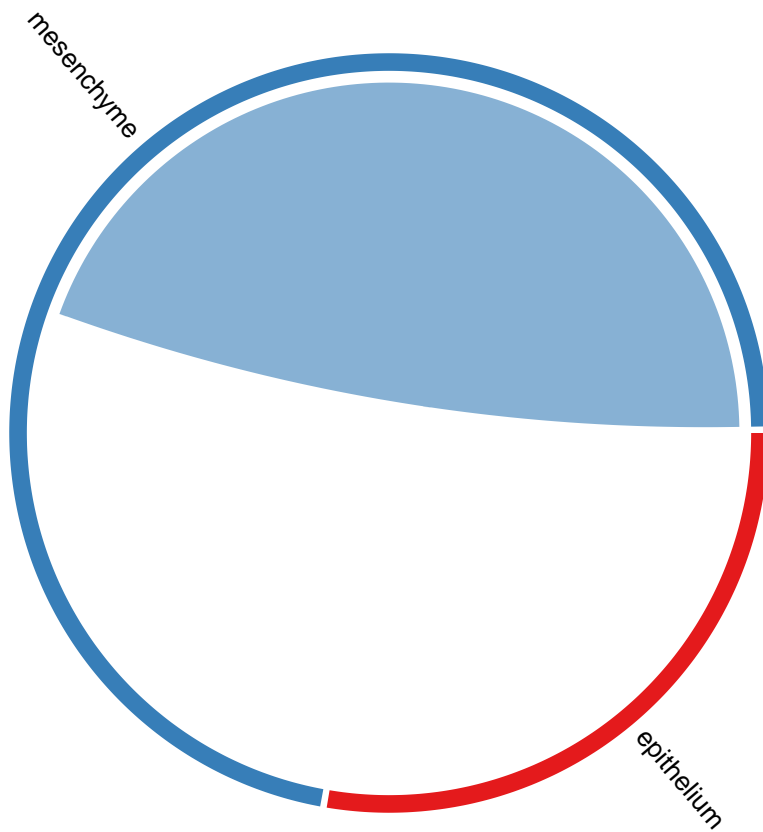
Interaction weights/strength



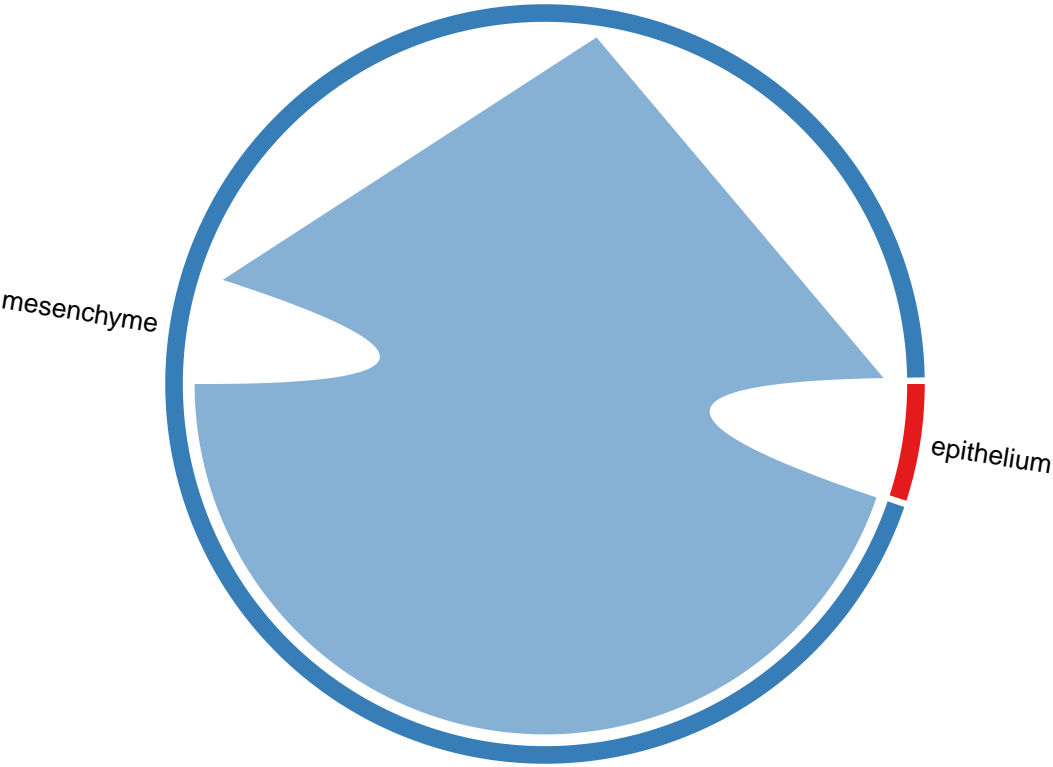
# MIF signaling pathway network



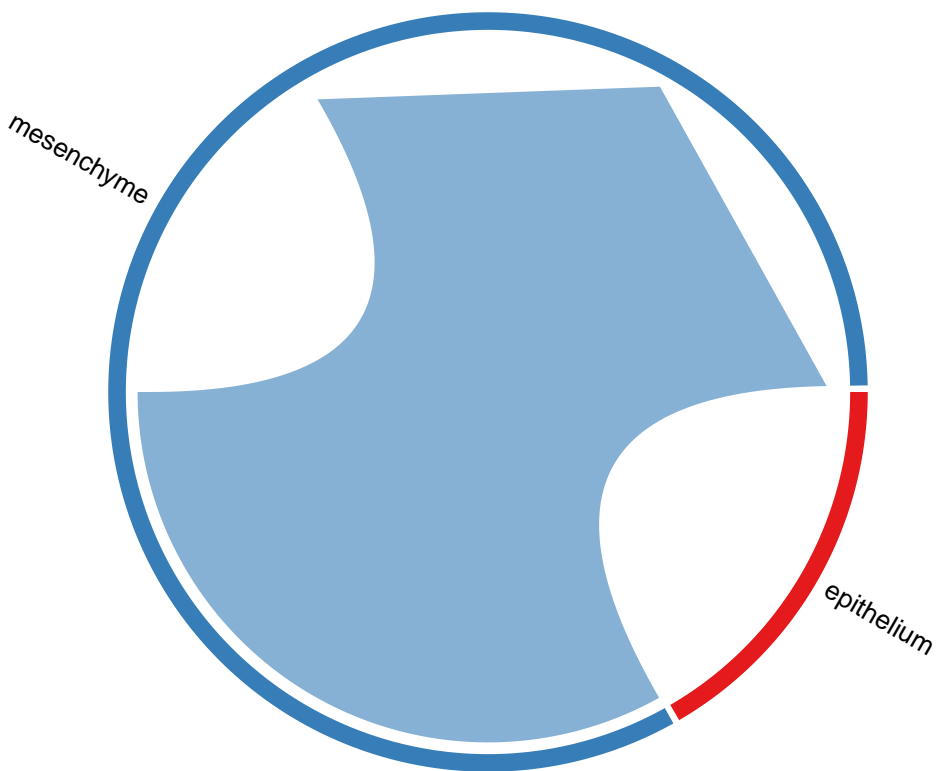
# COLLAGEN signaling pathway network



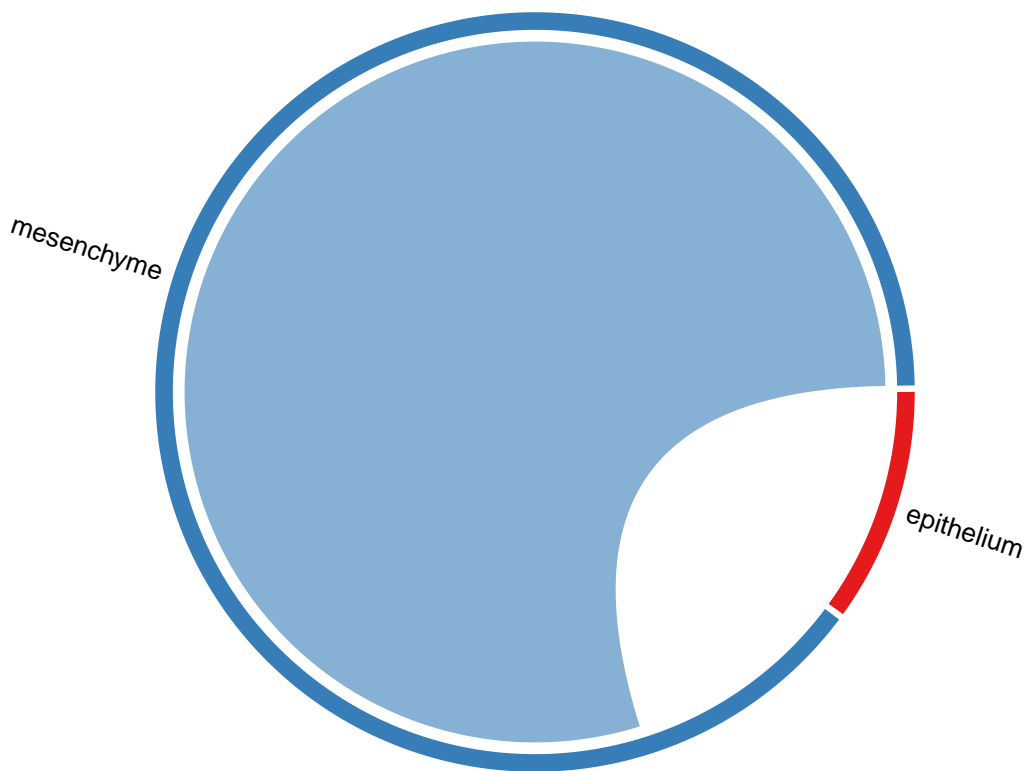
NOTCH signaling pathway network



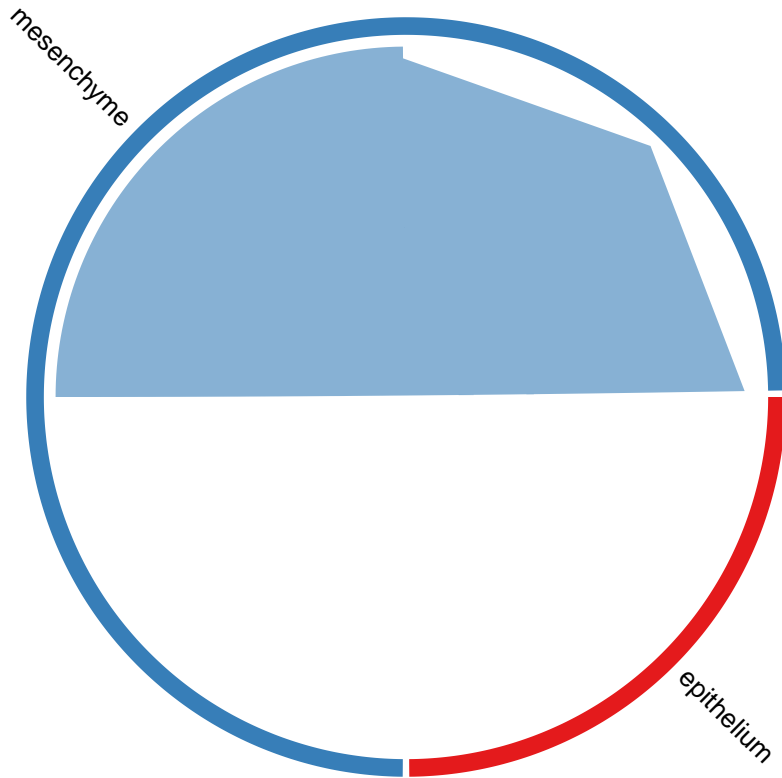
# PDGF signaling pathway network



# PTN signaling pathway network

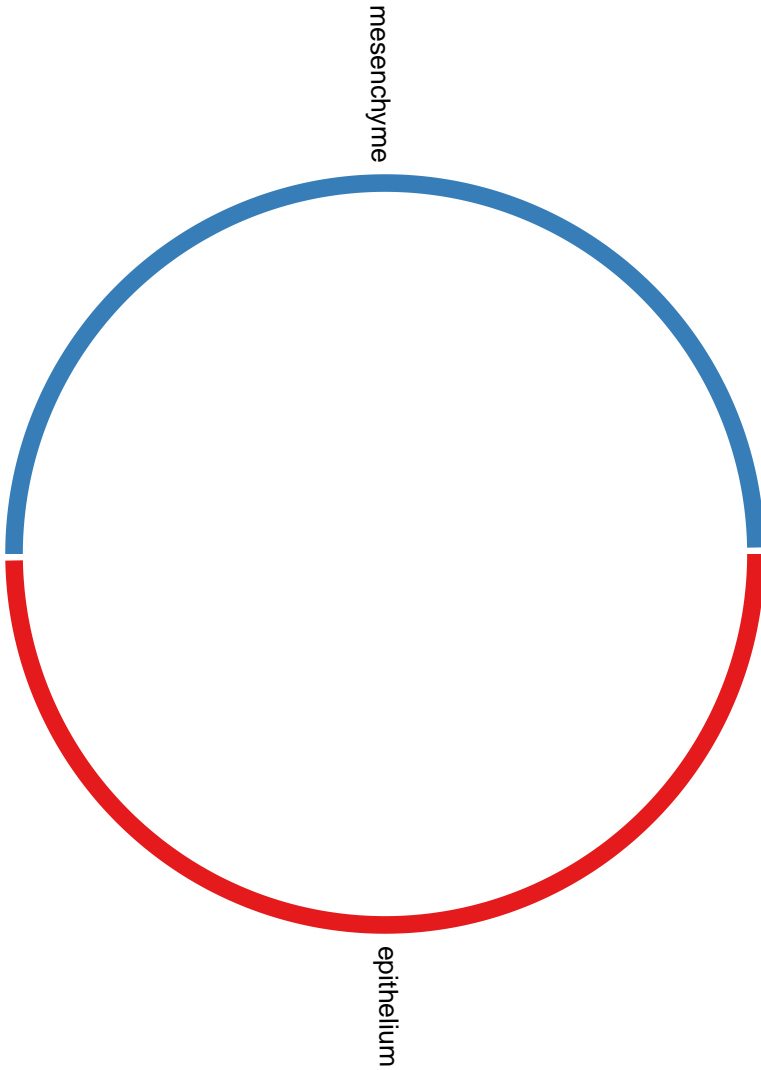


# LAMININ signaling pathway network

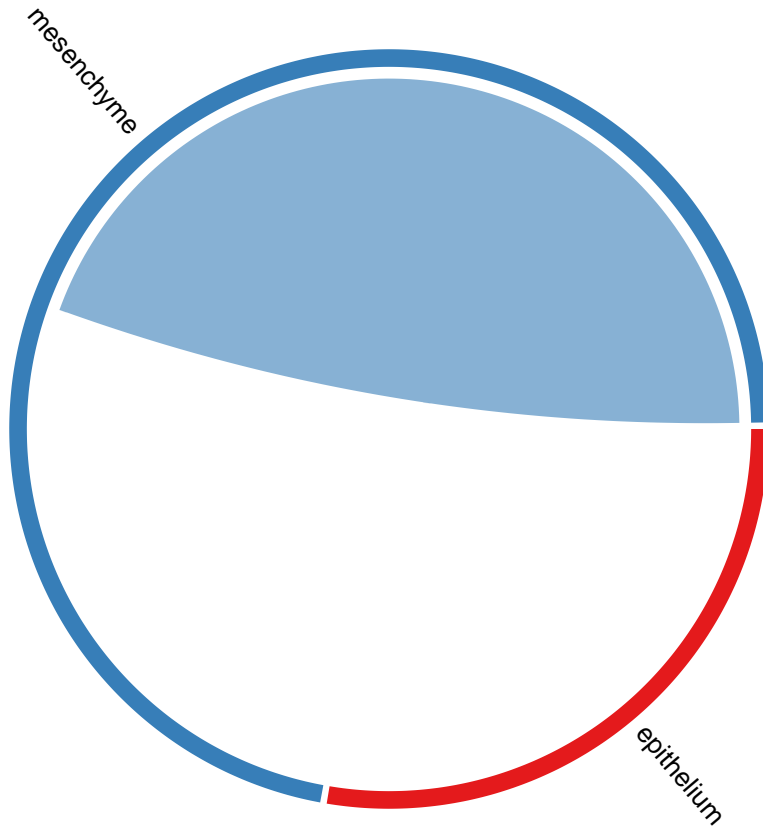




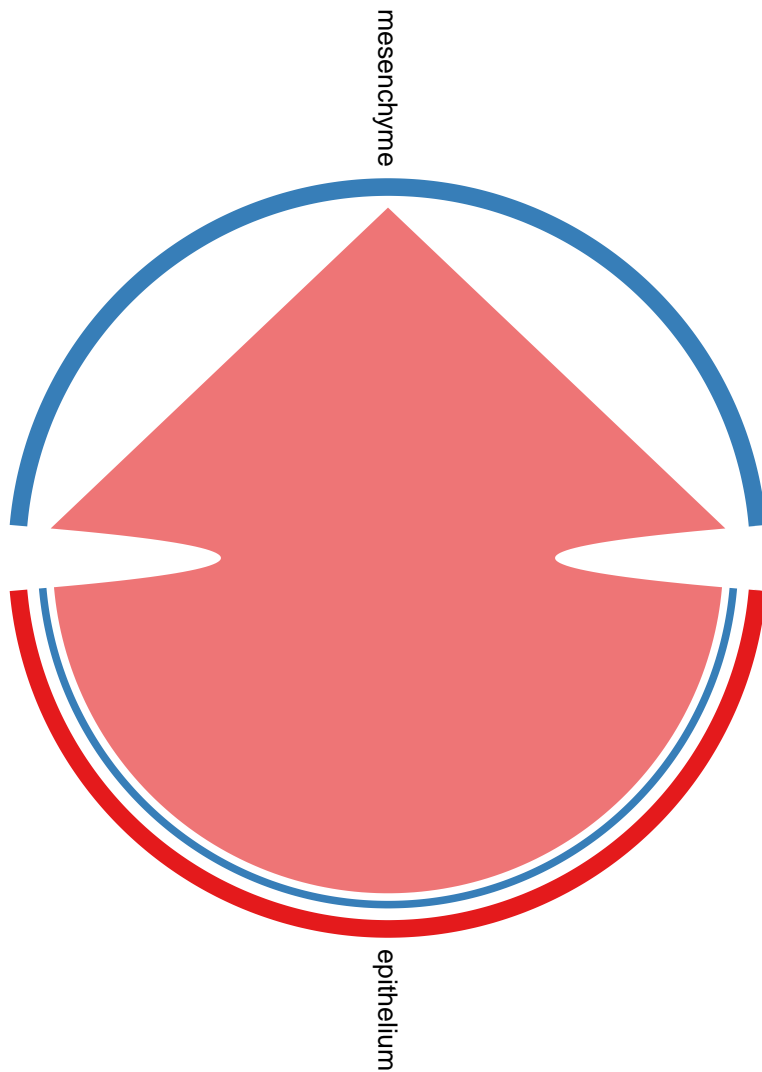
# CDH signaling pathway network



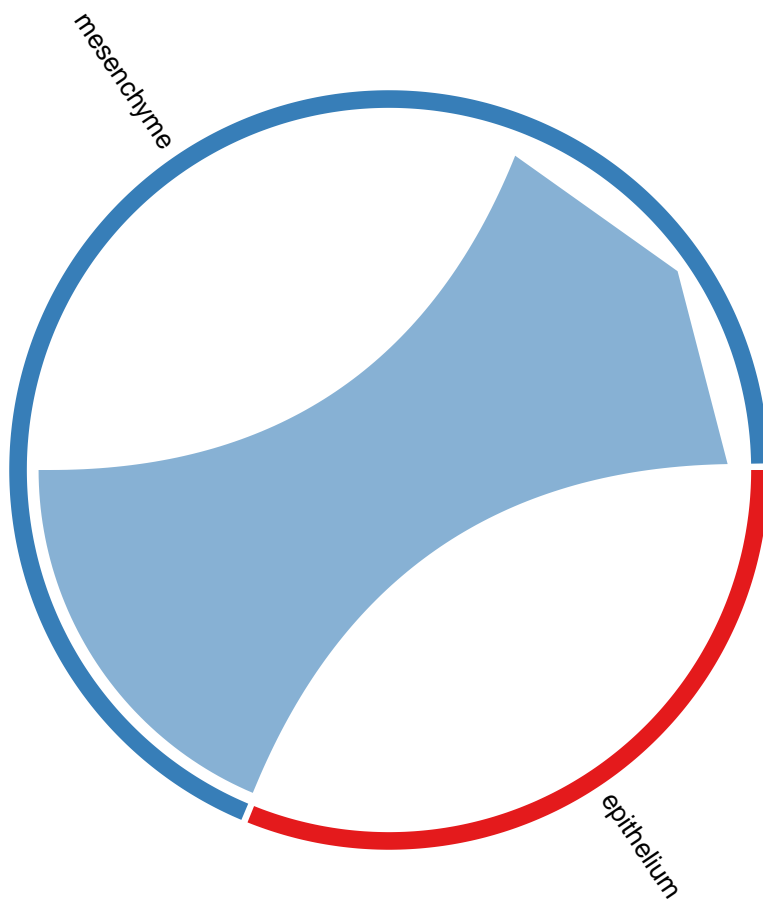
# FN1 signaling pathway network



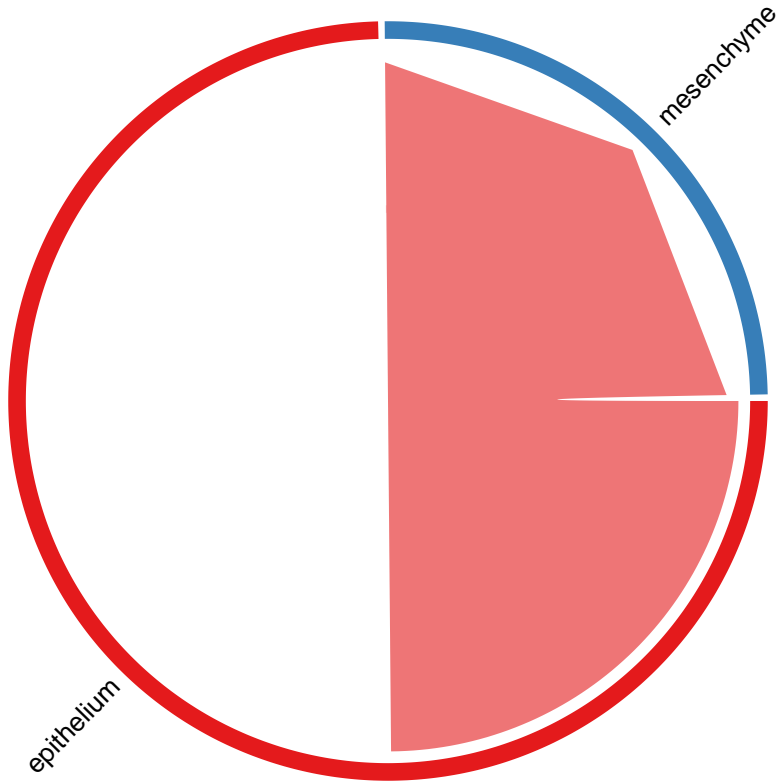
# GDF signaling pathway network



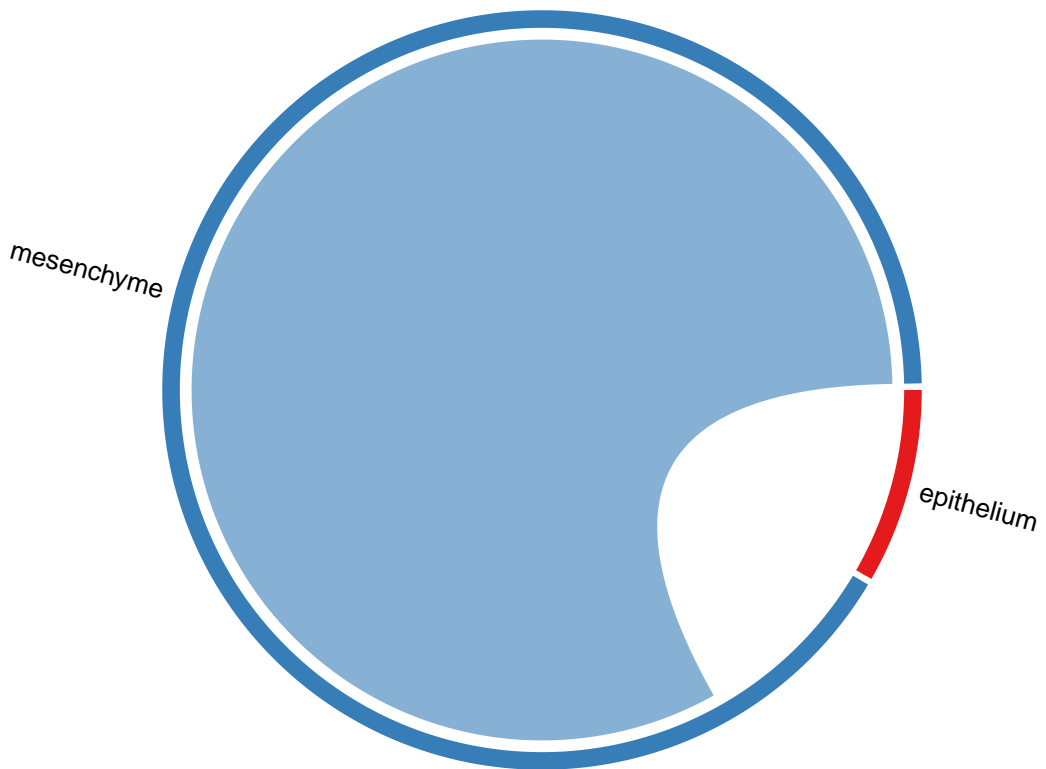
# VEGF signaling pathway network



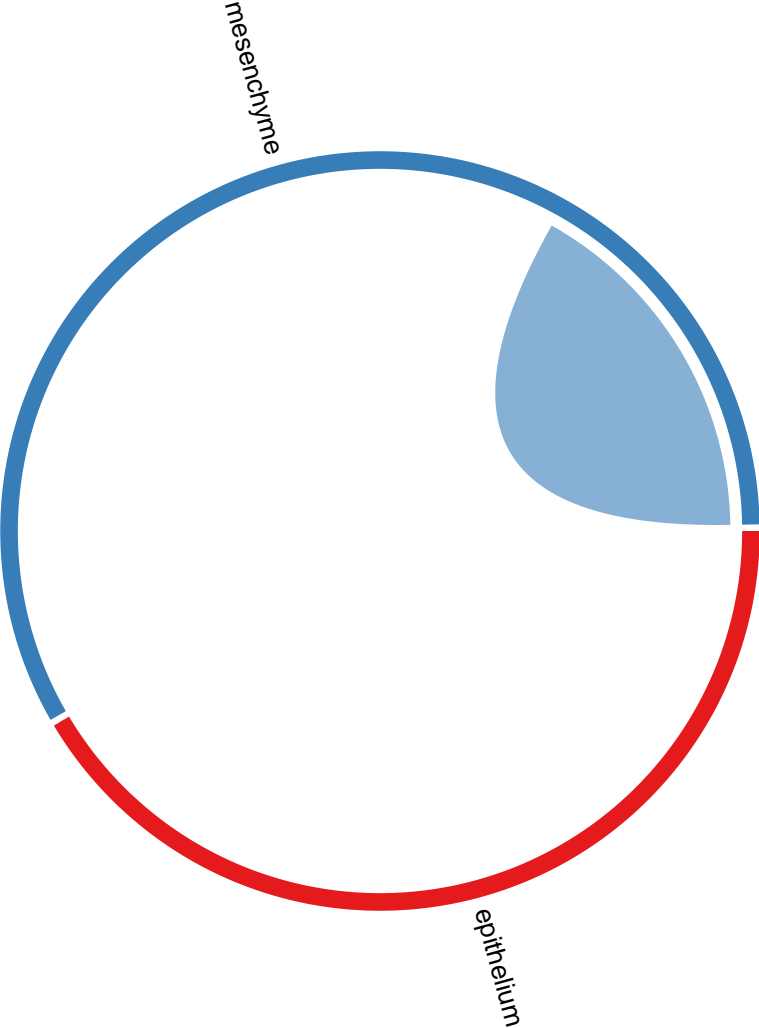
# SPP1 signaling pathway network



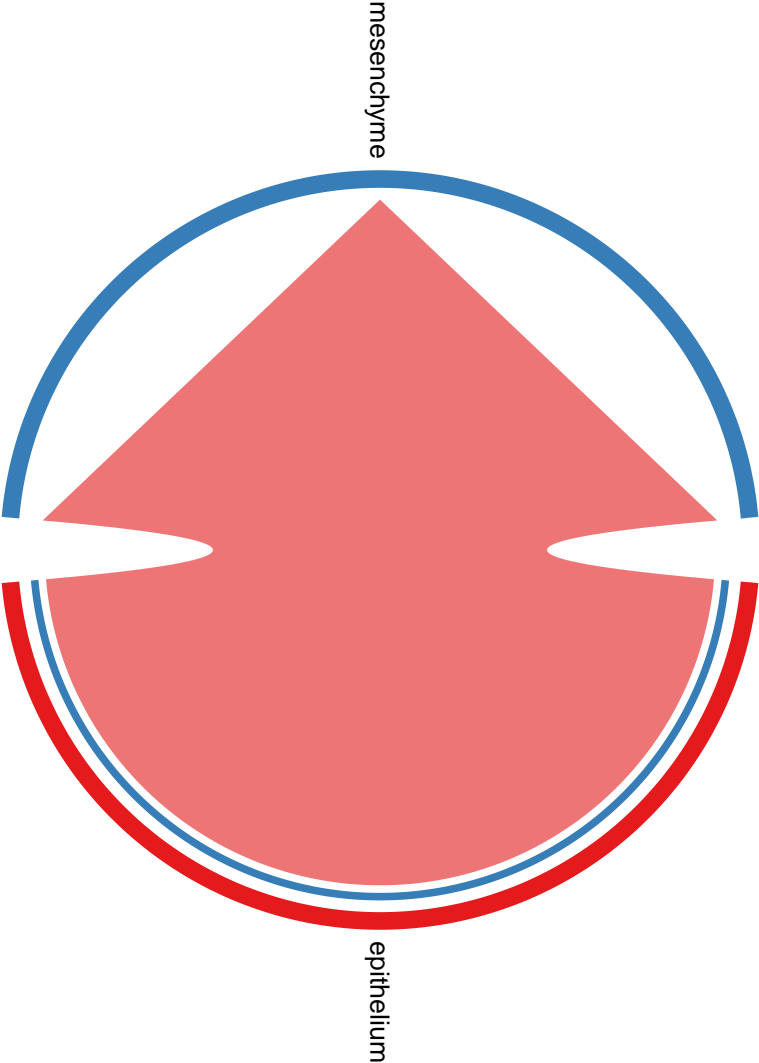
# ANGPTL signaling pathway network



CXCL signaling pathway network

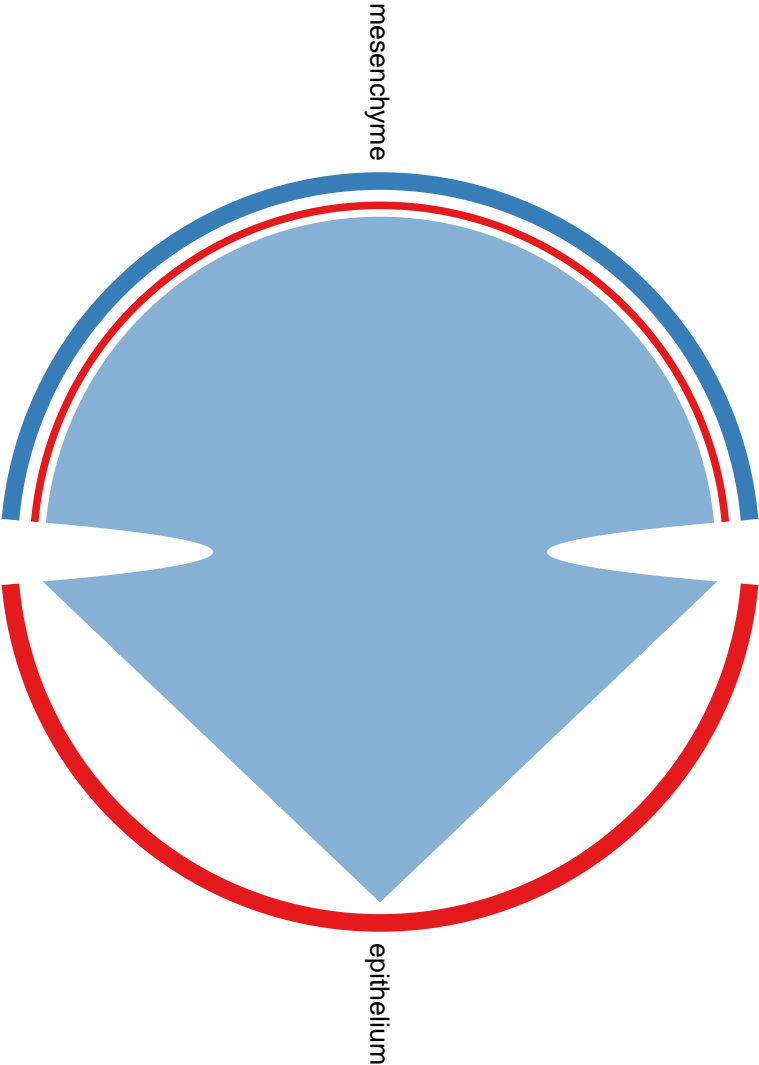


EPHA signaling pathway network

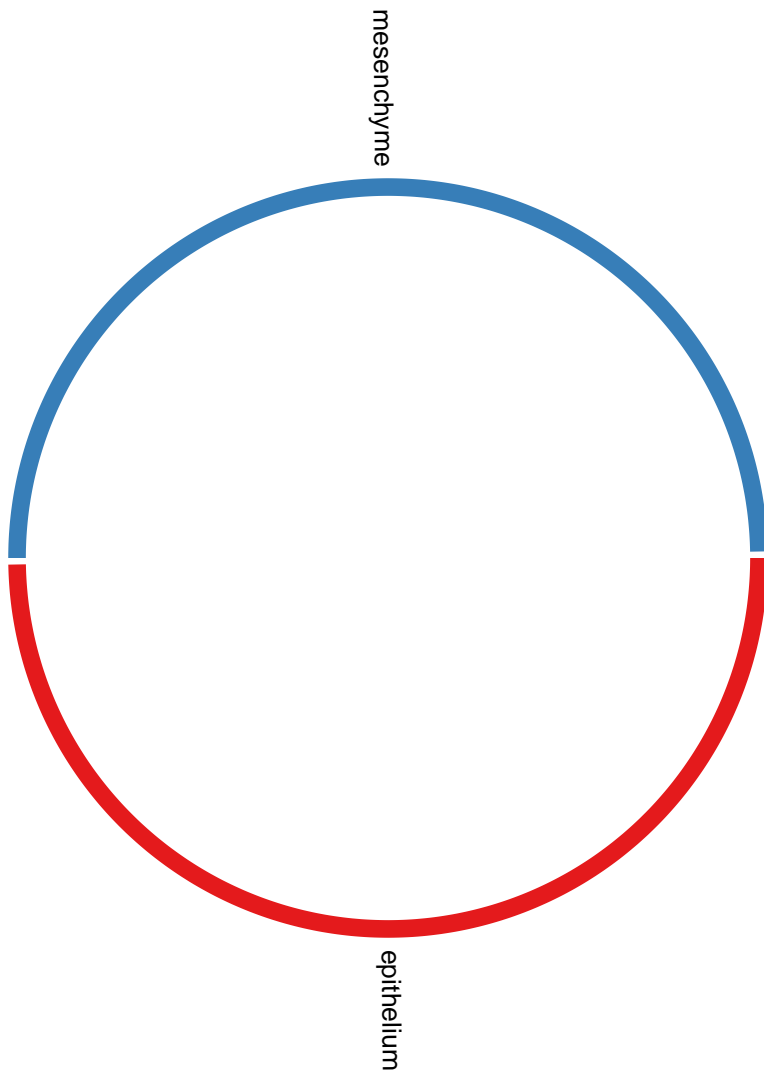


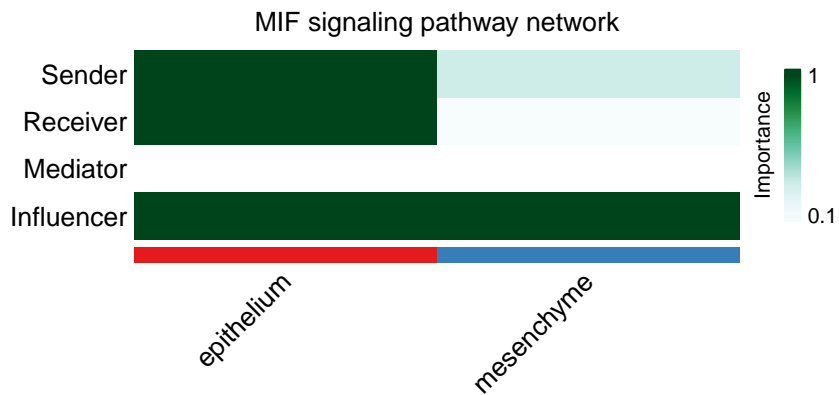


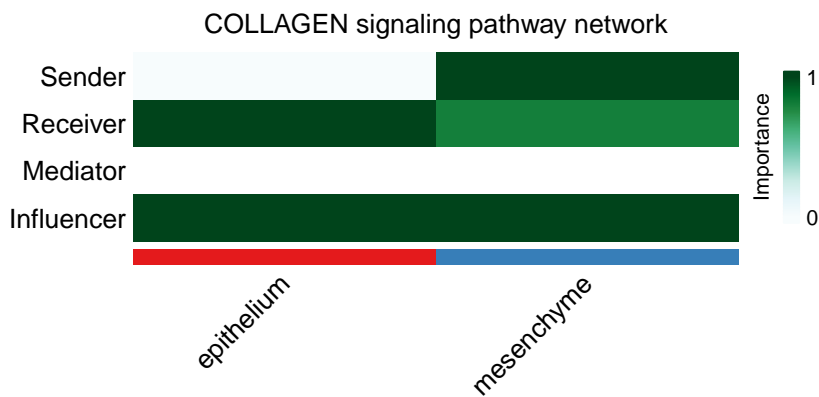
THBS signaling pathway network

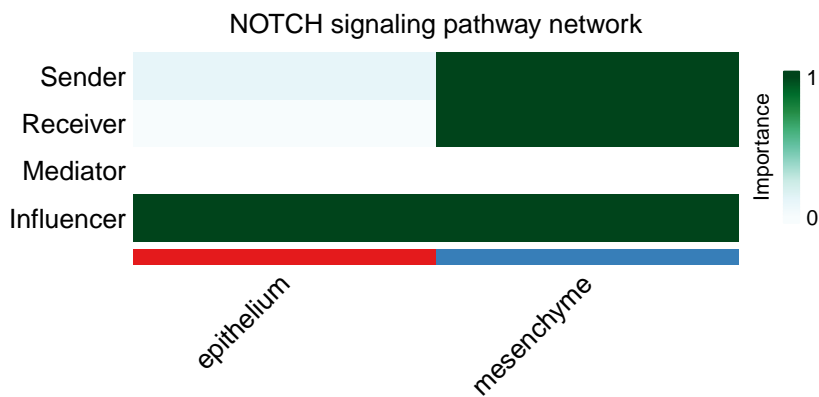


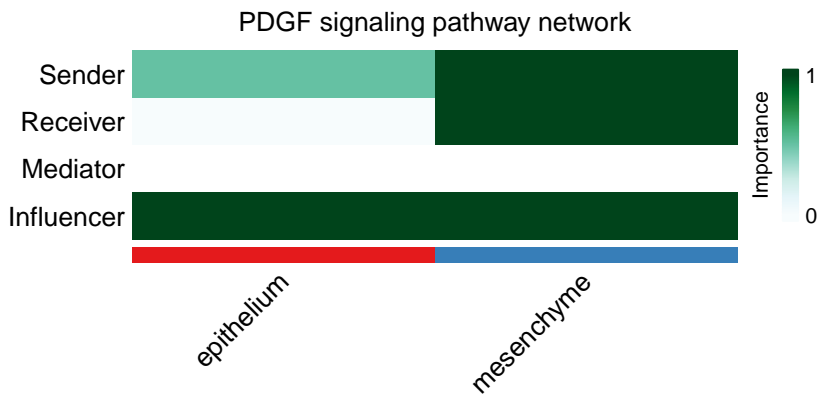
# ESAM signaling pathway network



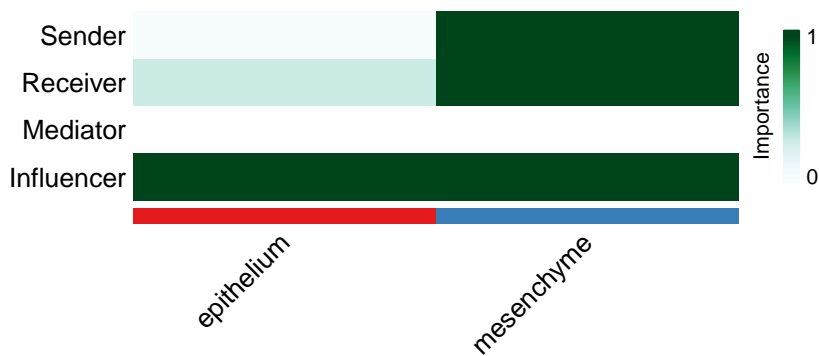




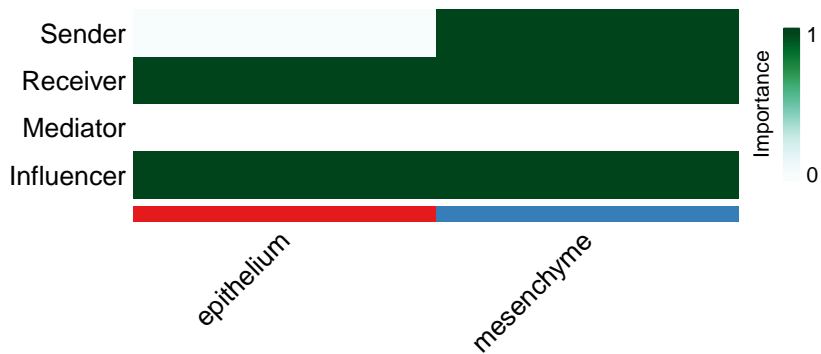




### PTN signaling pathway network

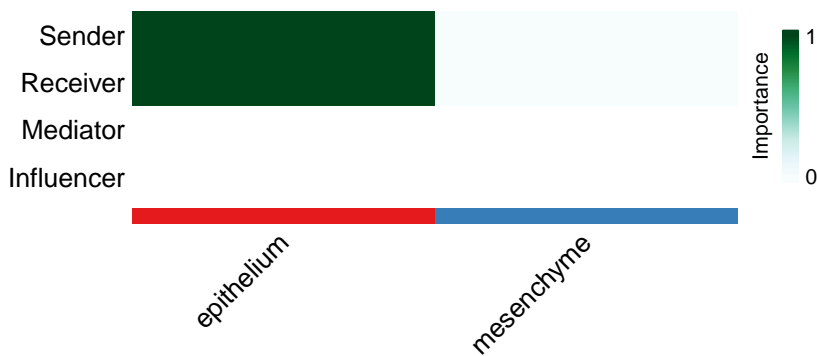


### LAMININ signaling pathway network

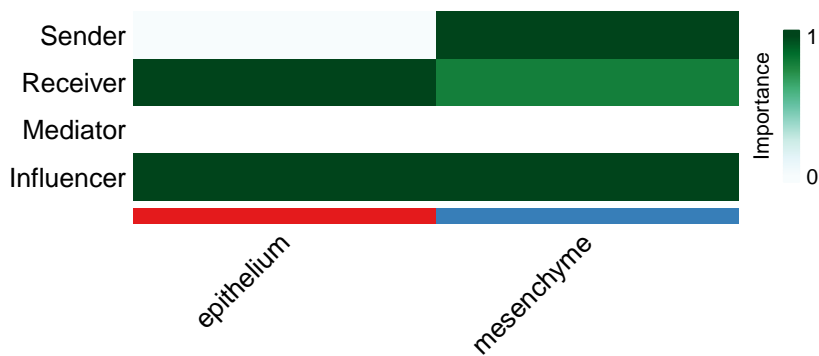


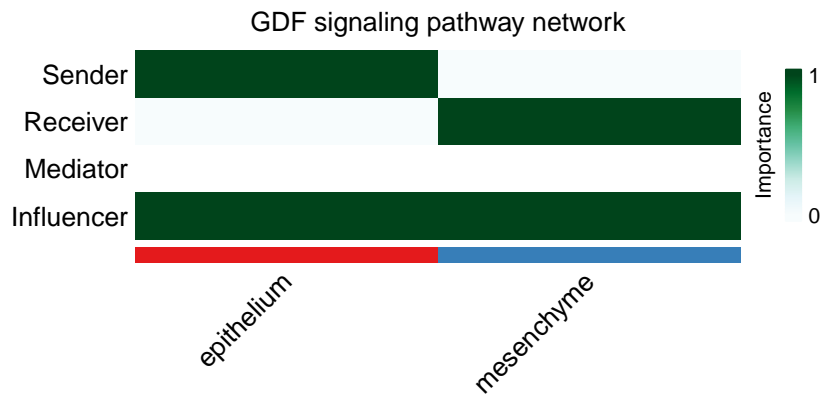


# CDH signaling pathway network

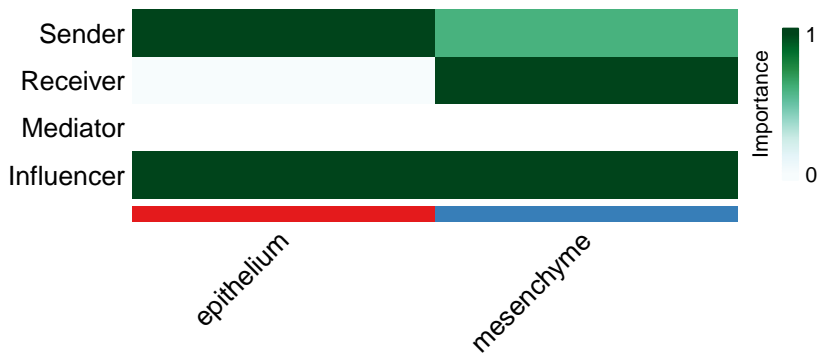


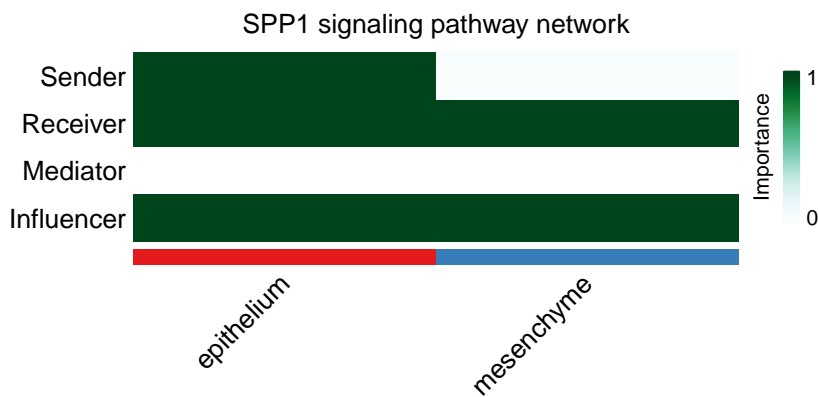
### FN1 signaling pathway network



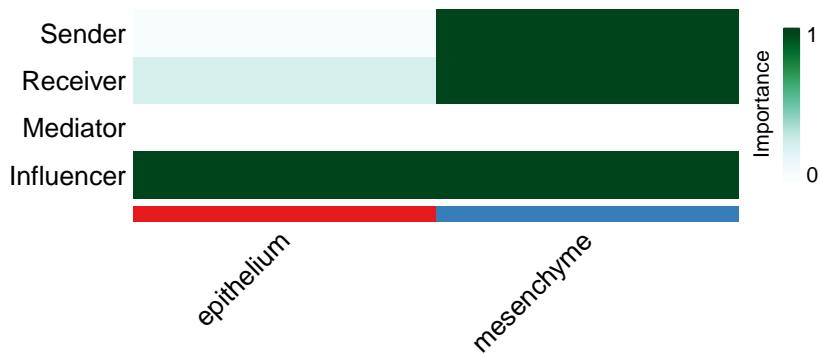


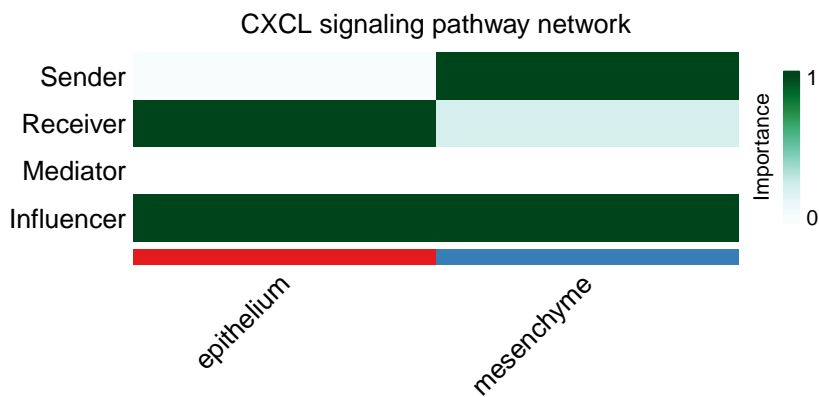
### VEGF signaling pathway network

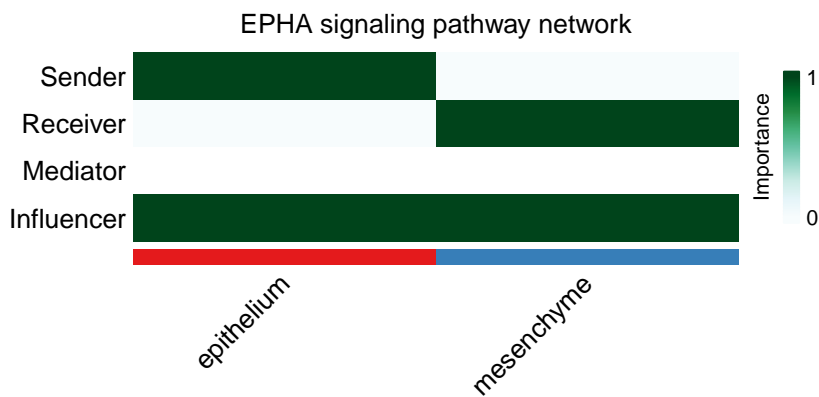




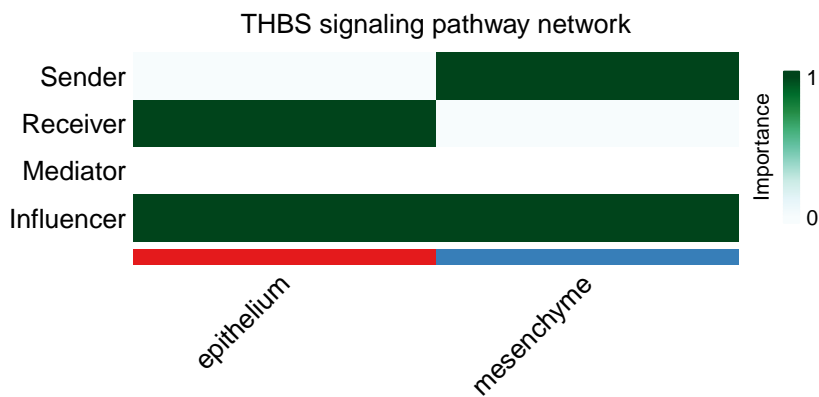
### ANGPTL signaling pathway network



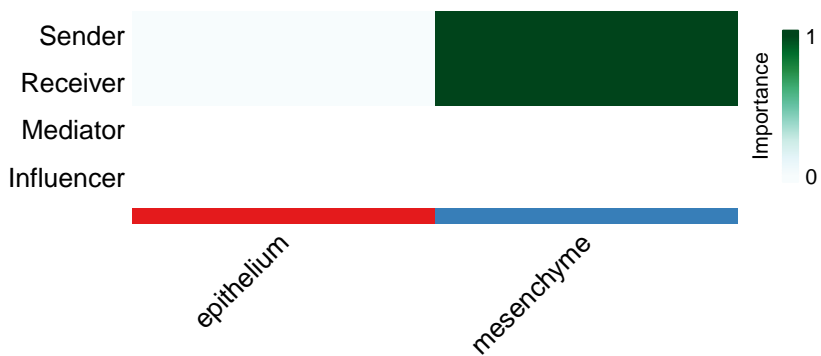




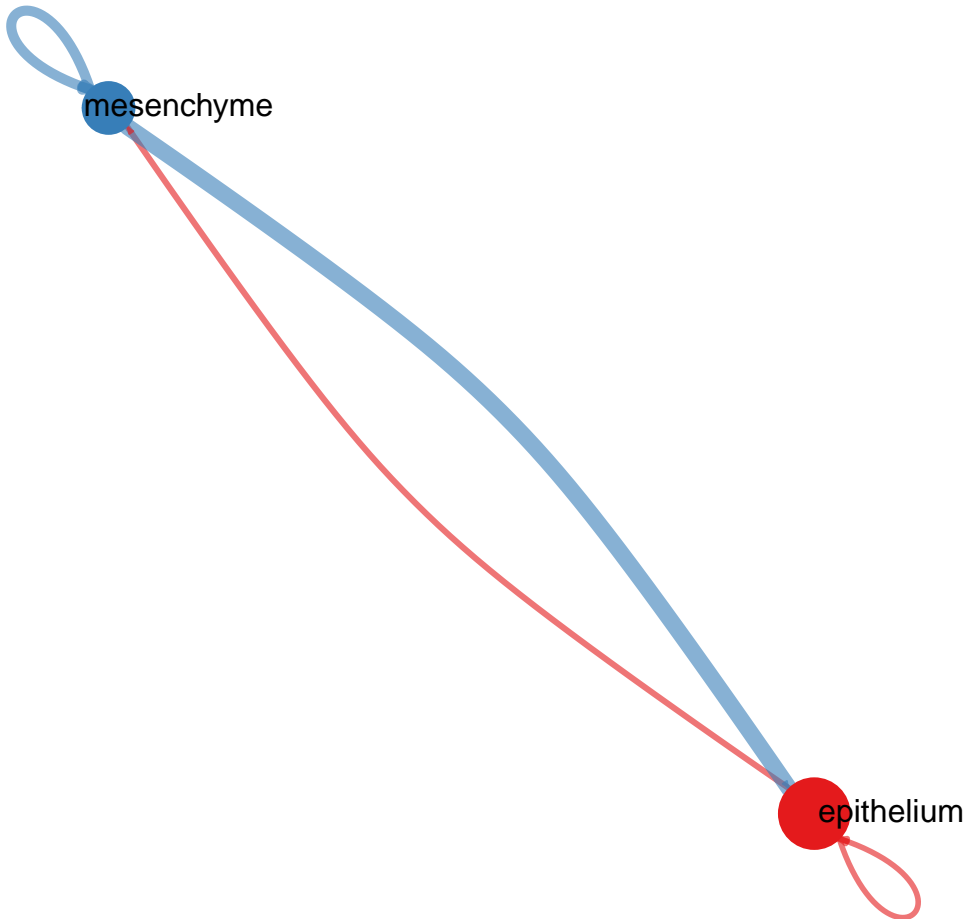




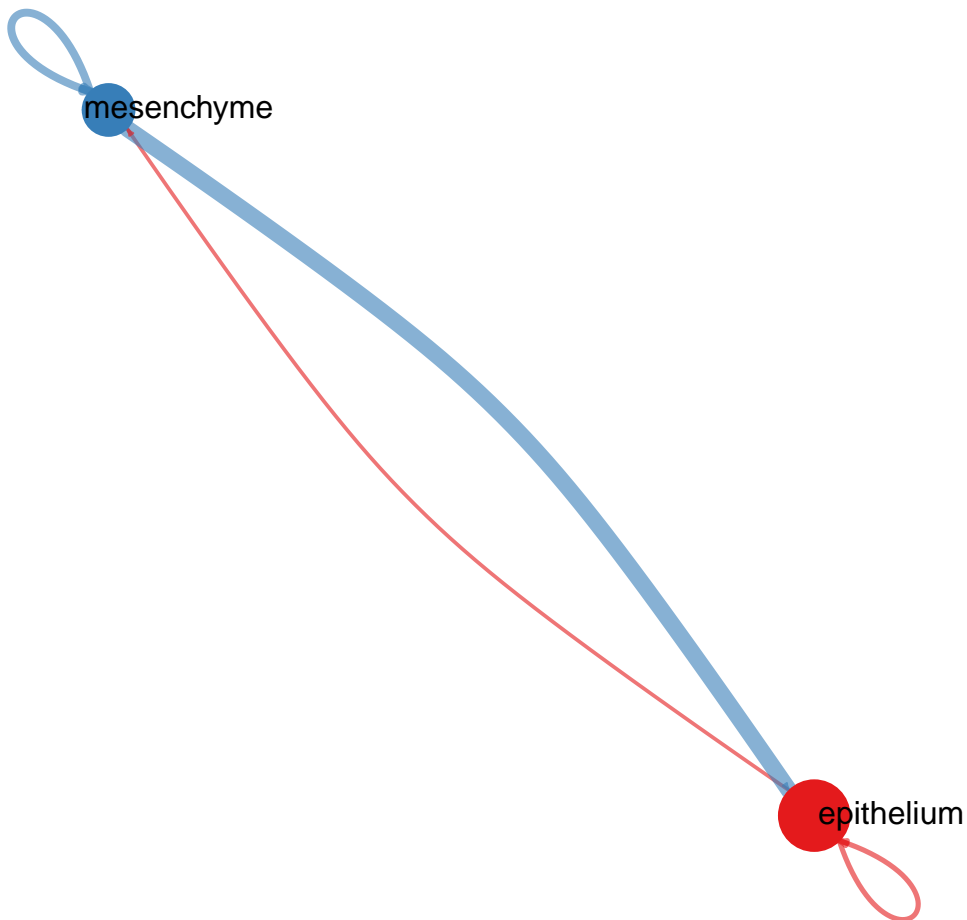
# ESAM signaling pathway network



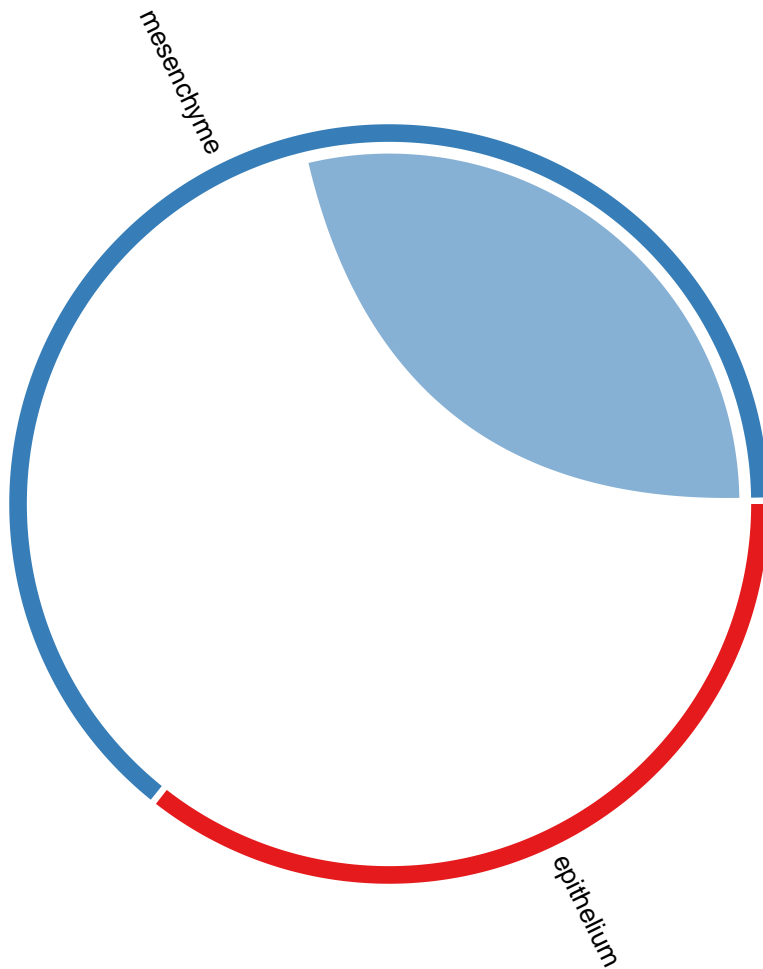
Number of interactions



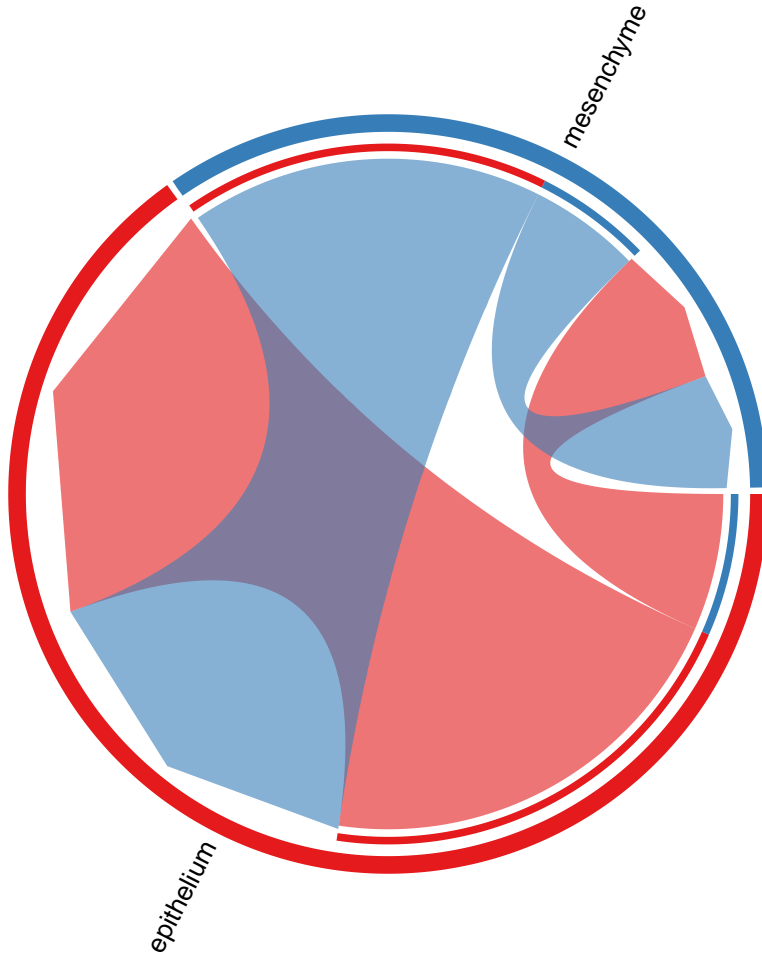
Interaction weights/strength



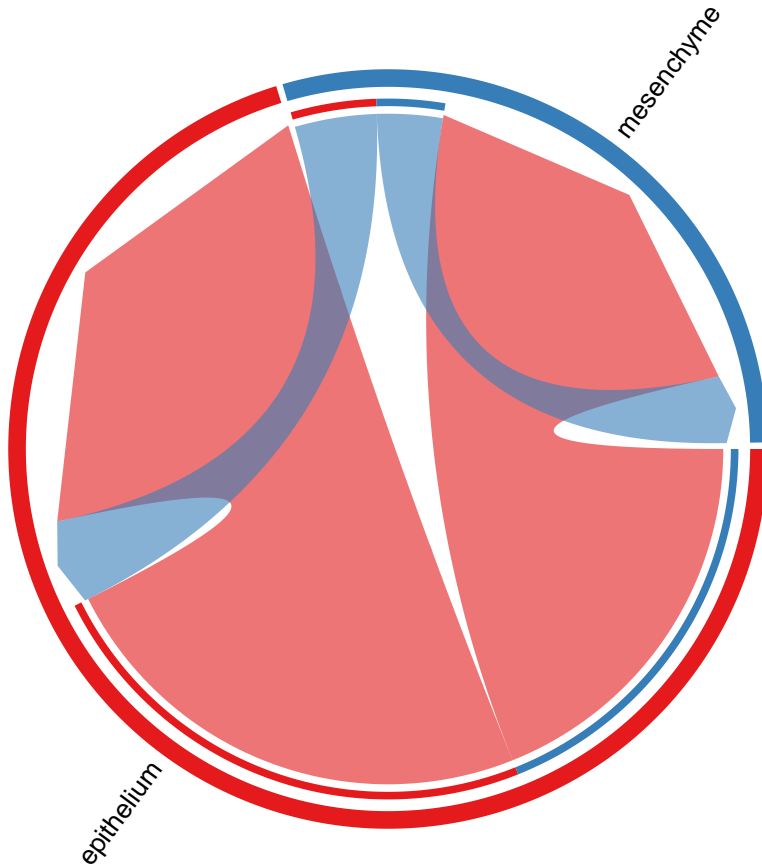
# COLLAGEN signaling pathway network



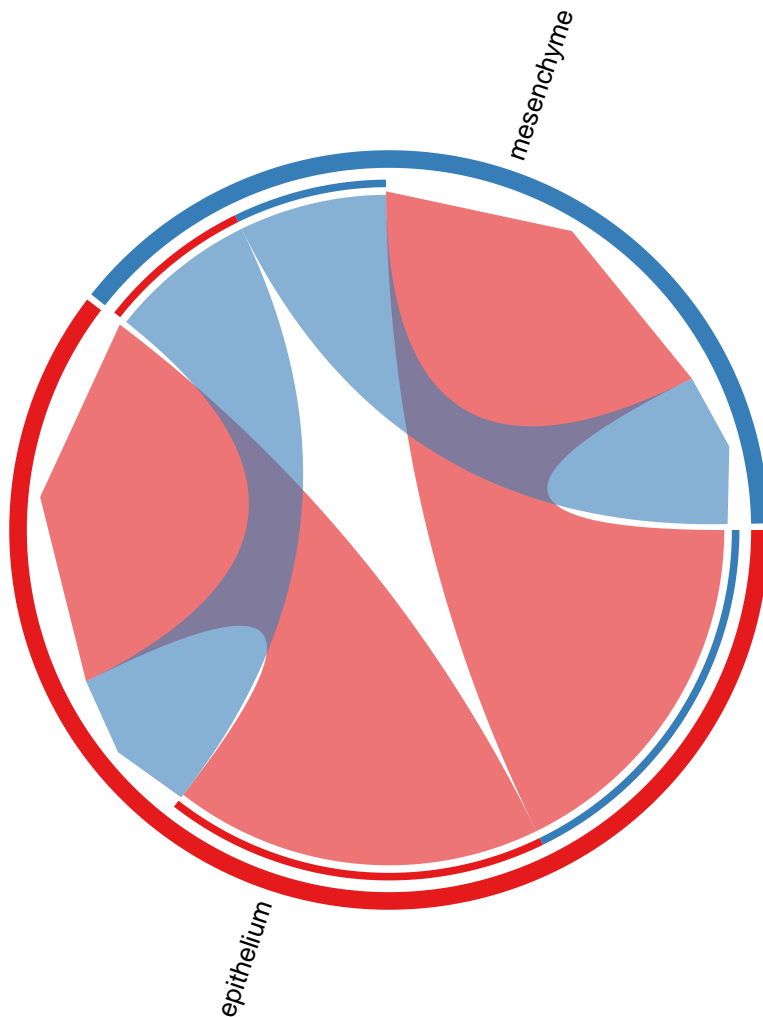
# MIF signaling pathway network



# LAMININ signaling pathway network

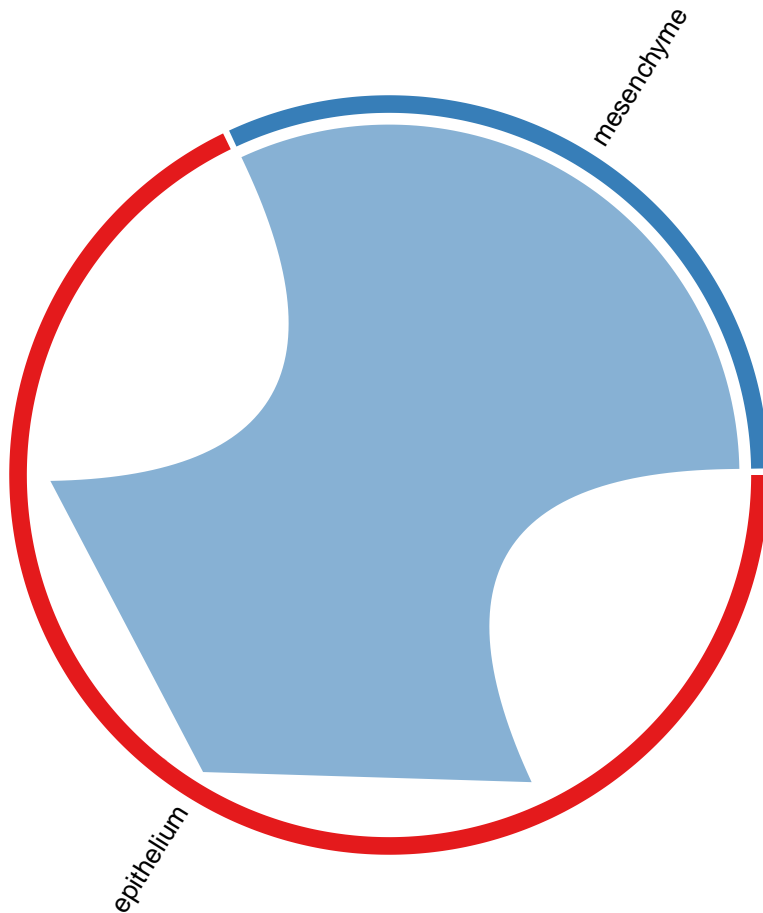


# MK signaling pathway network

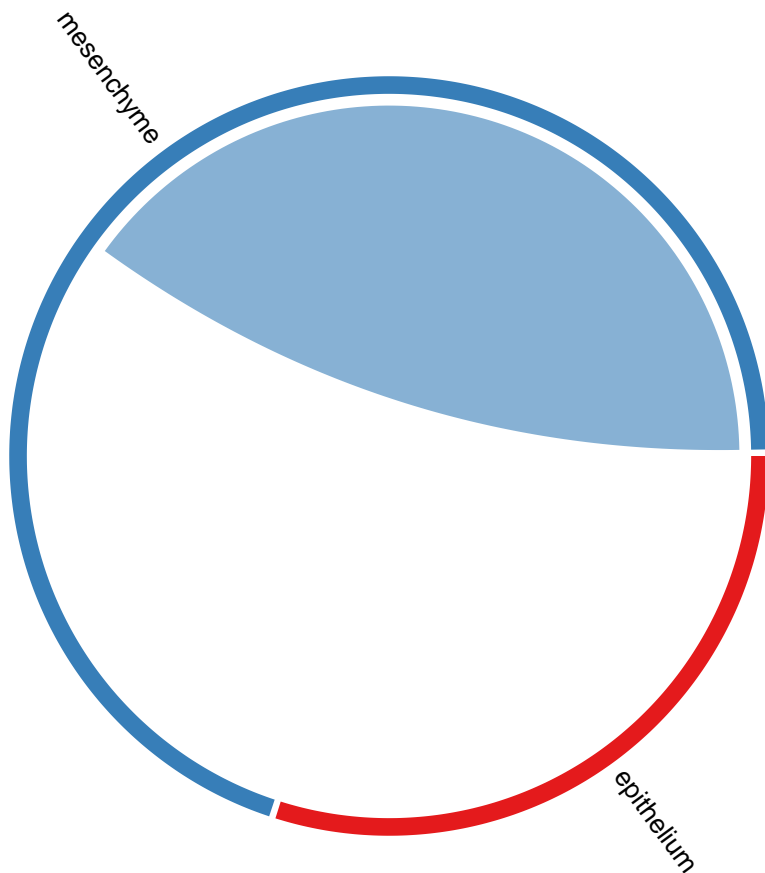




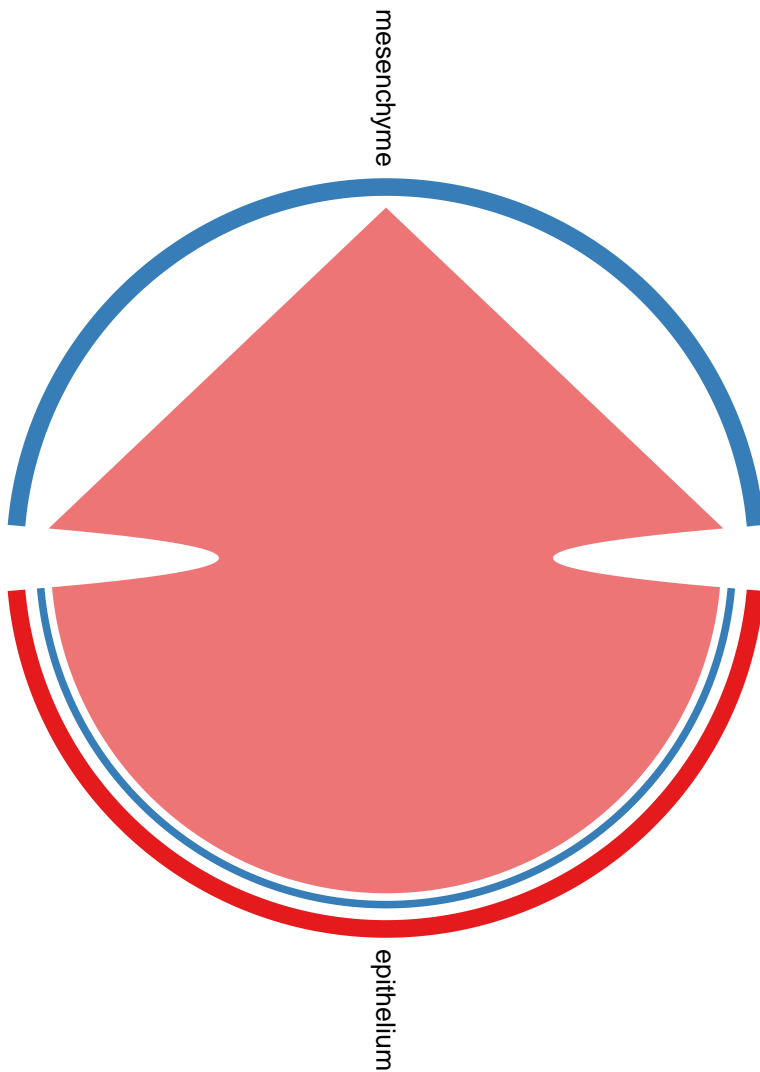
# THBS signaling pathway network



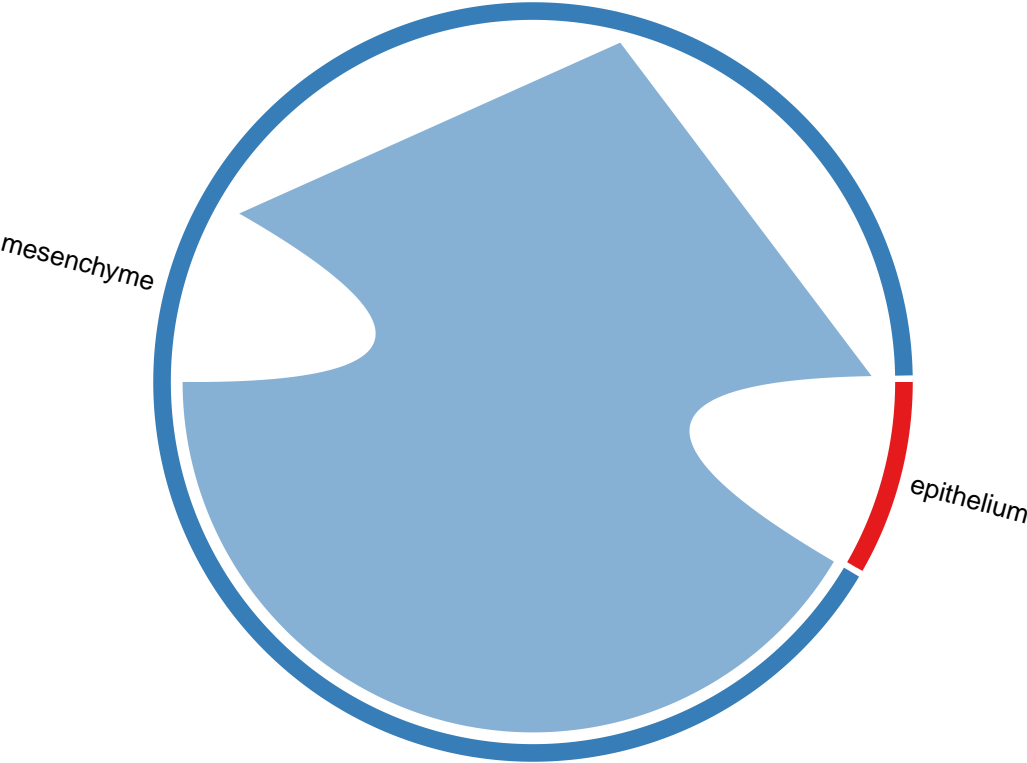
# PTN signaling pathway network



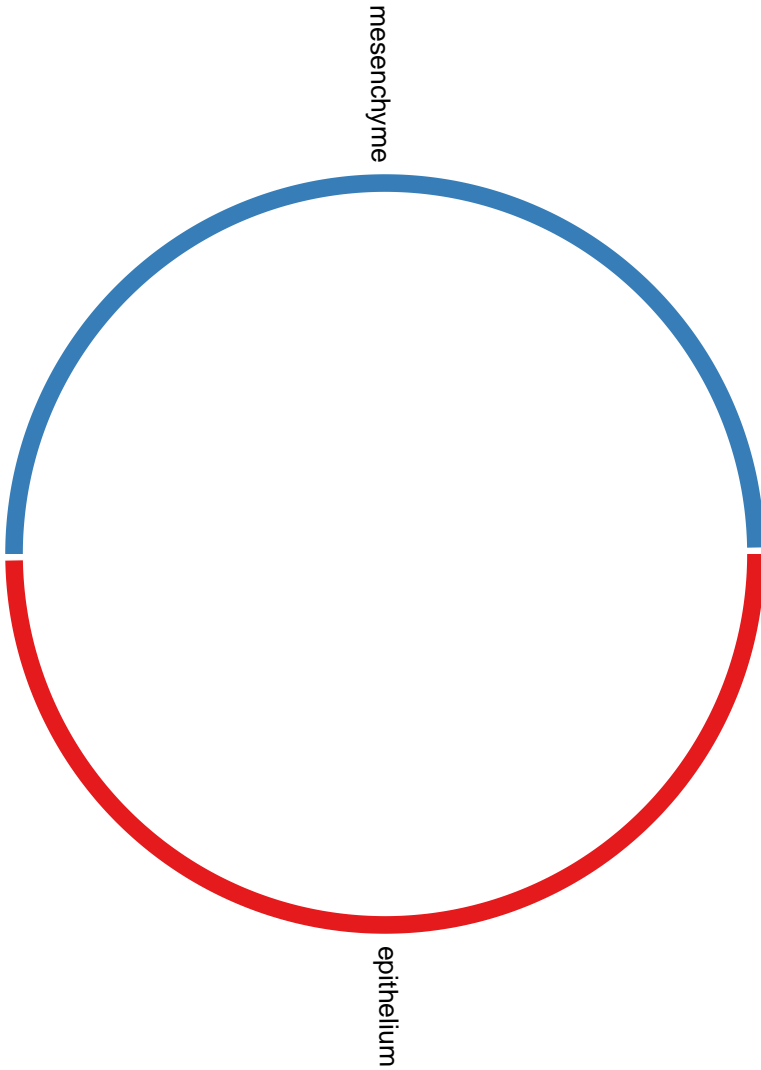
# EDN signaling pathway network



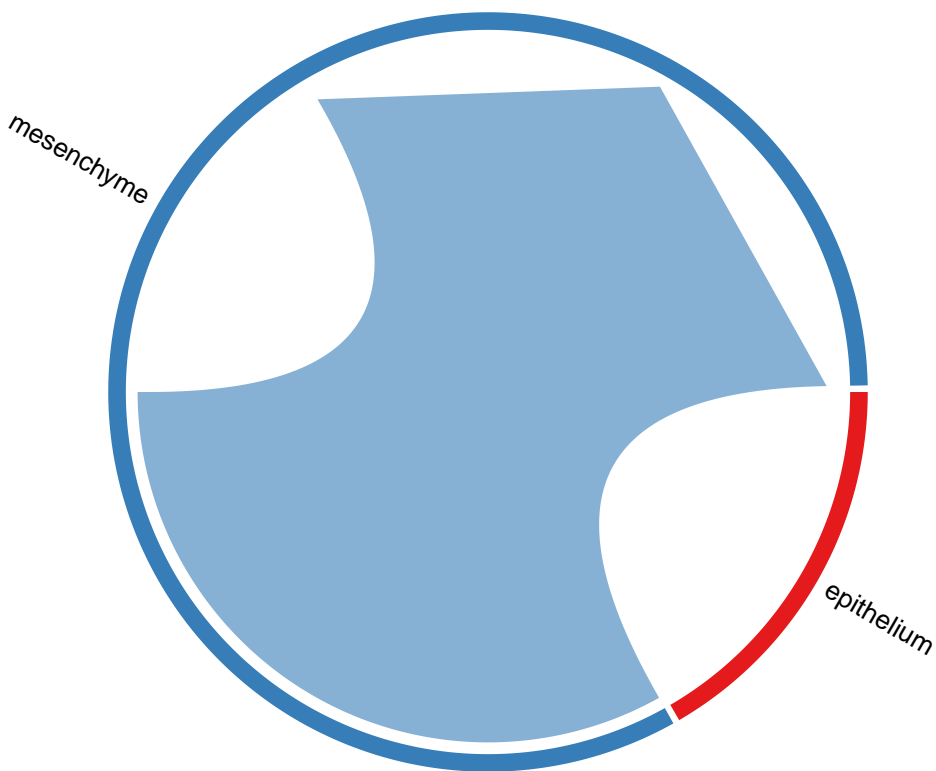
NOTCH signaling pathway network



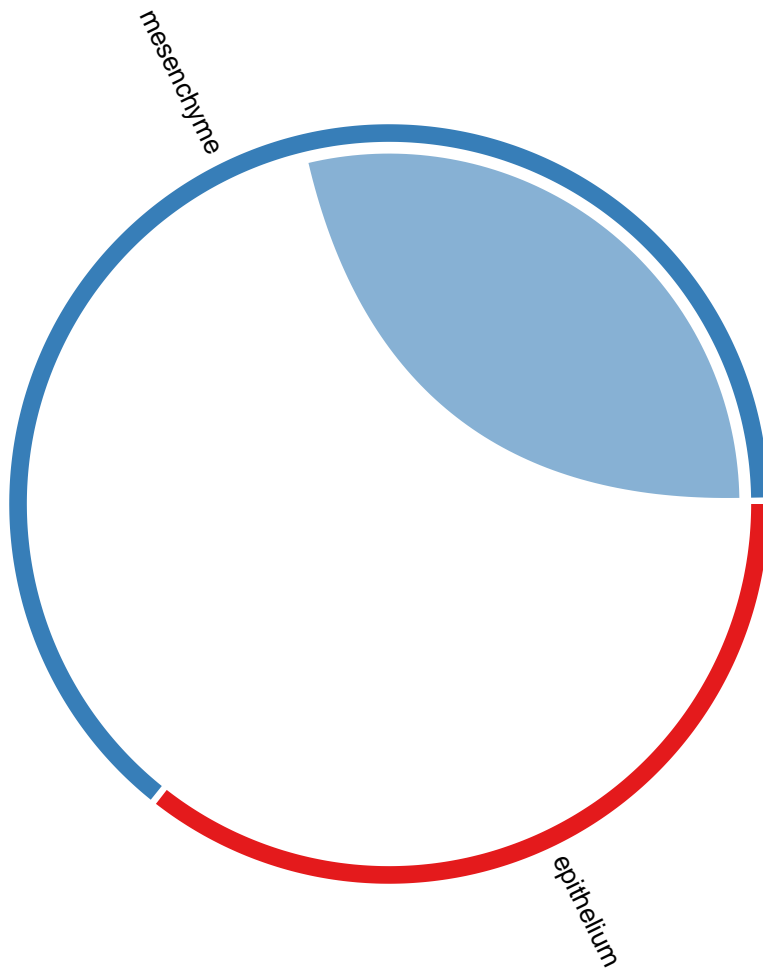
# CDH signaling pathway network



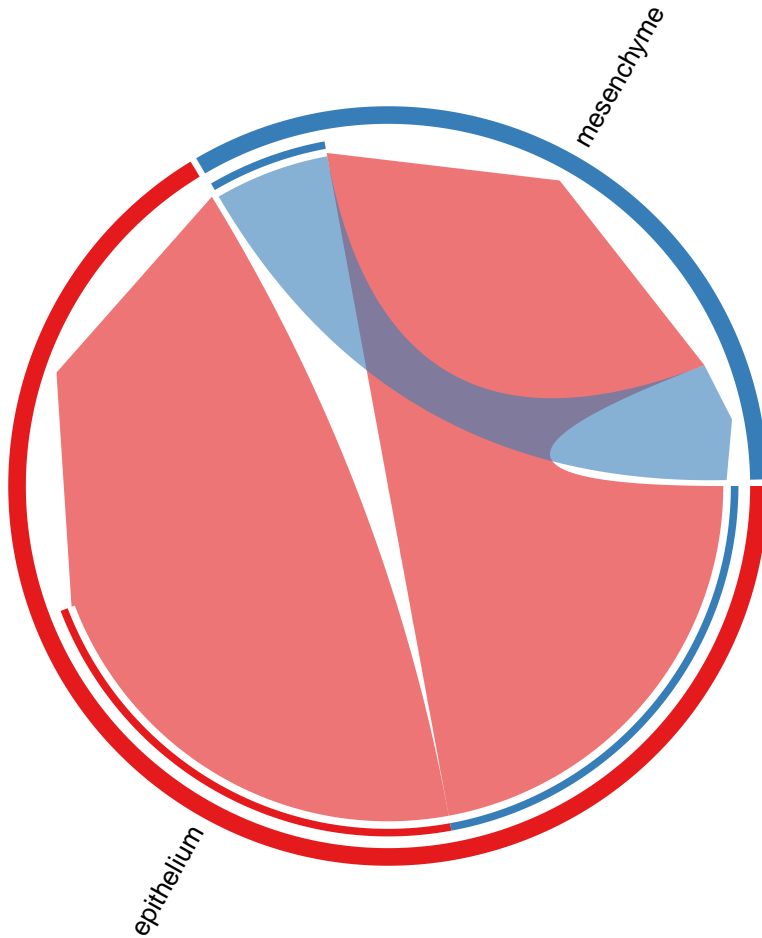
# PDGF signaling pathway network



# FN1 signaling pathway network

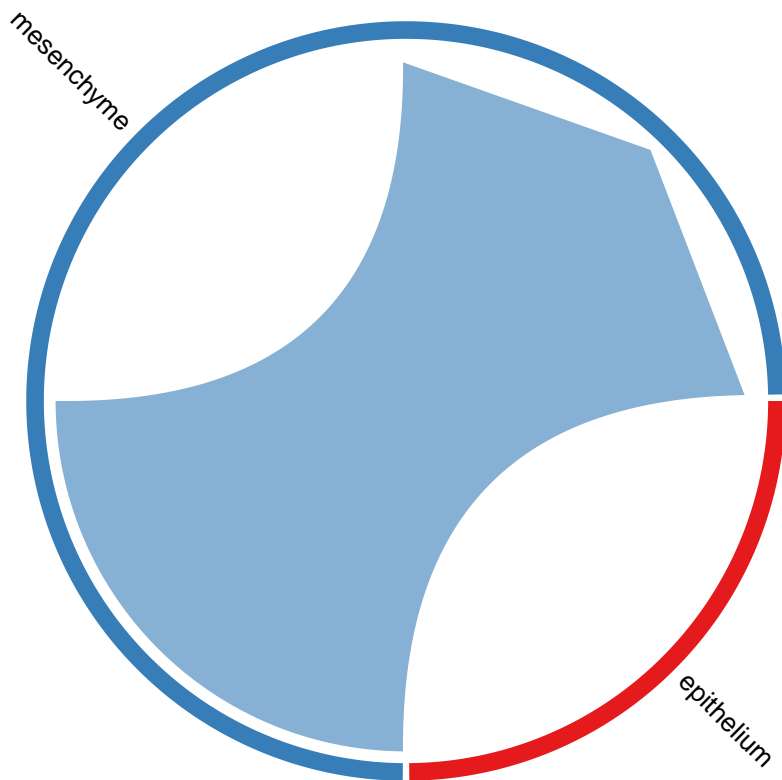


# EPHA signaling pathway network

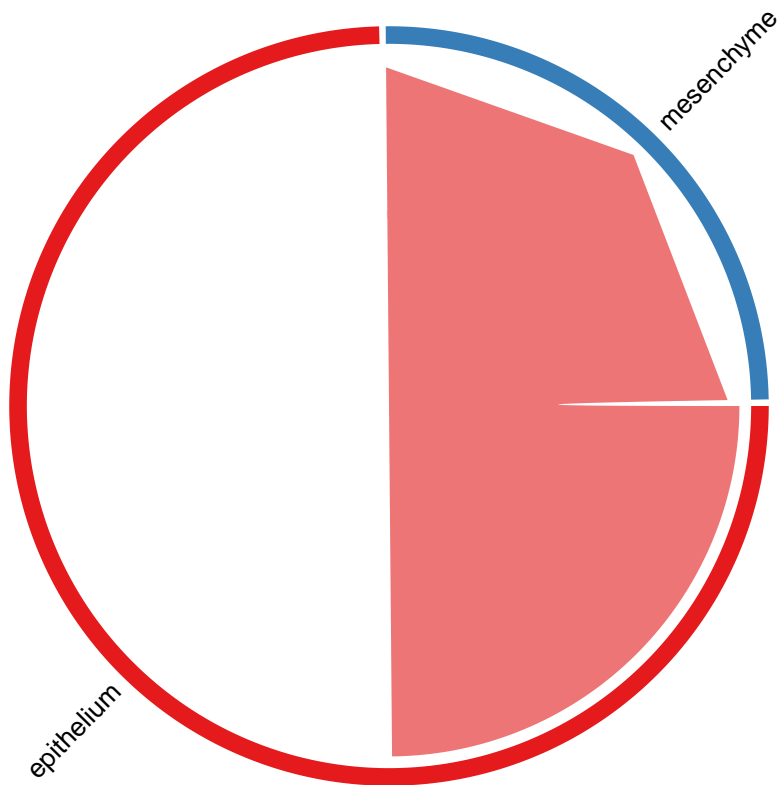




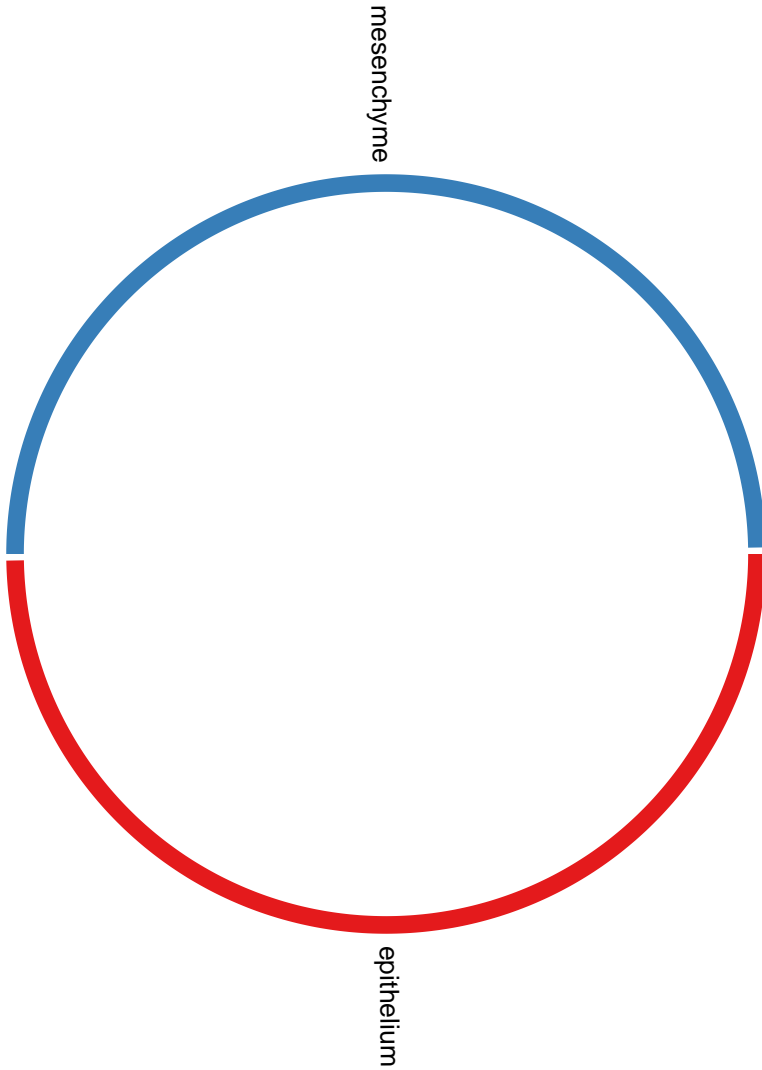
# VEGF signaling pathway network



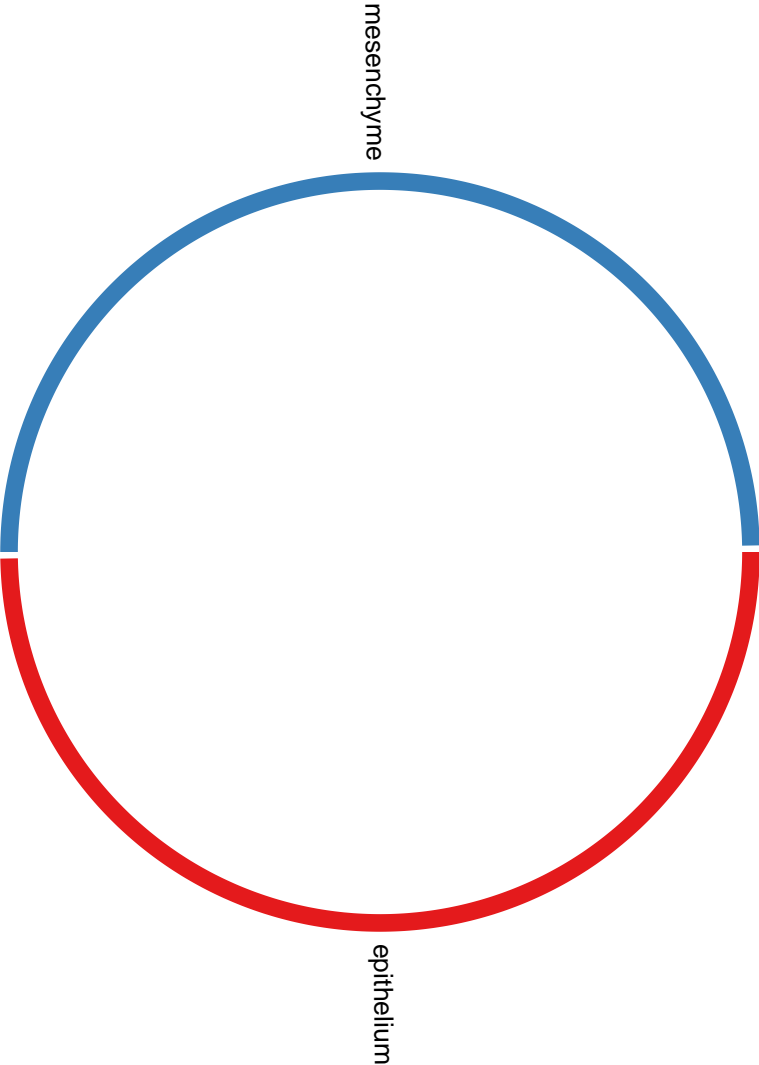
# GDF signaling pathway network



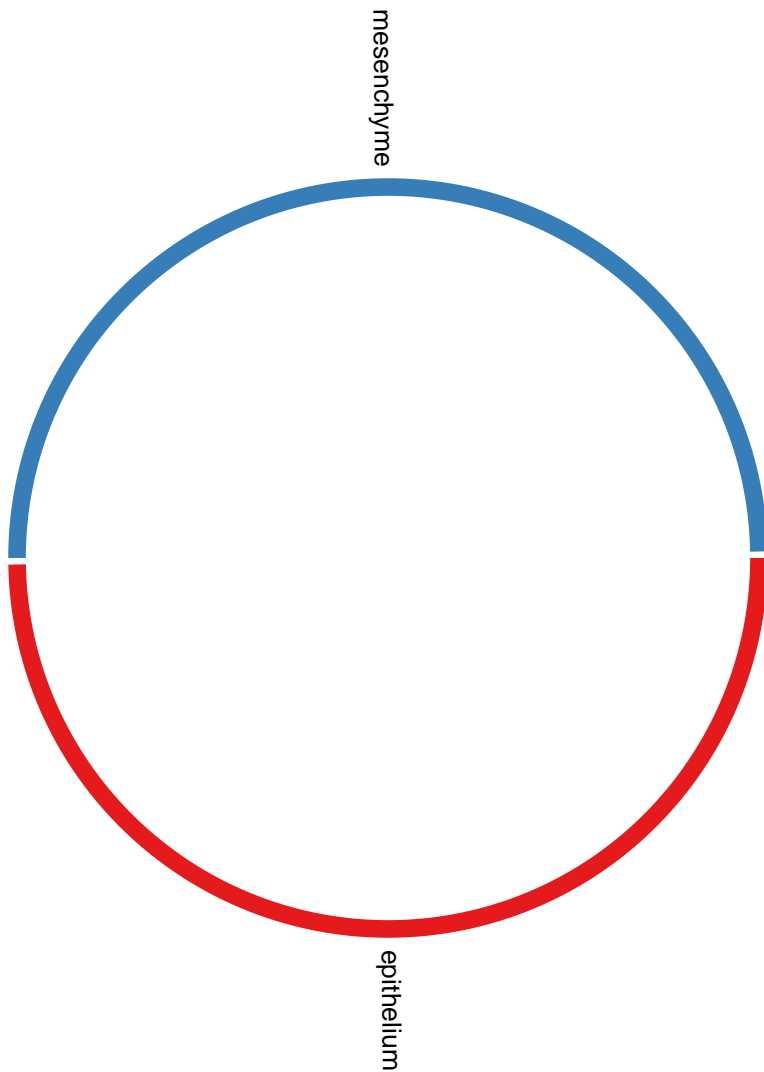
# DESMOSOME signaling pathway network

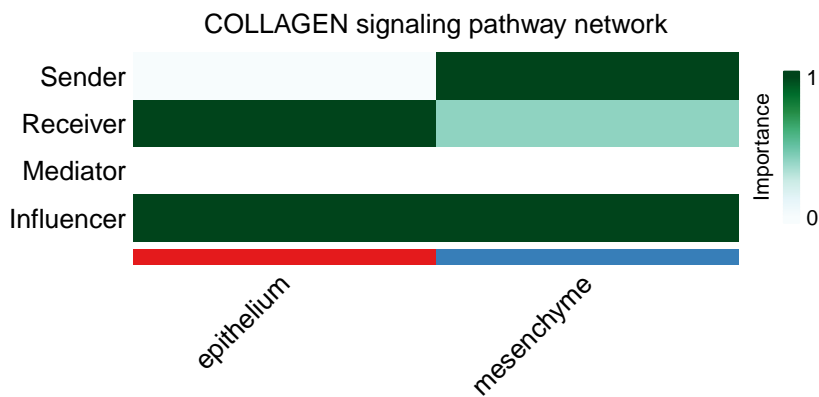


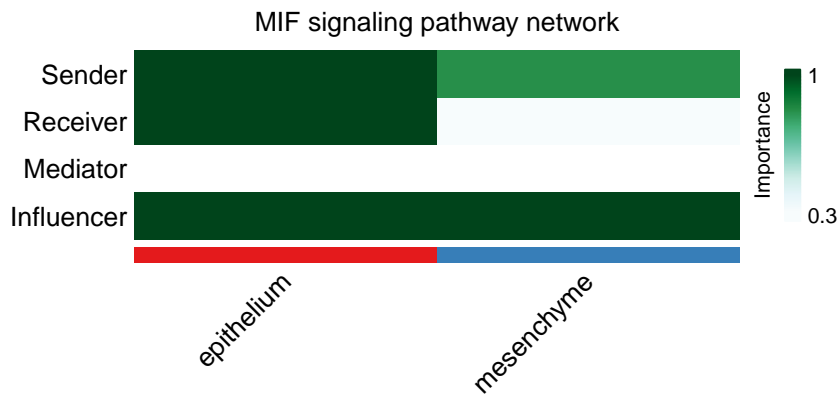
CXCL signaling pathway network

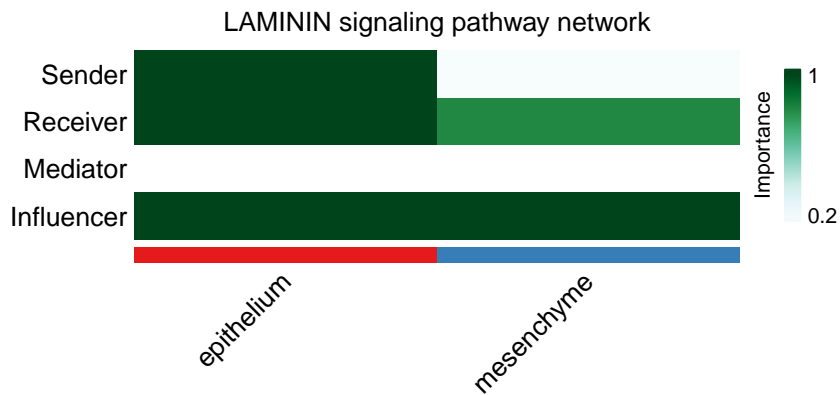


# ESAM signaling pathway network

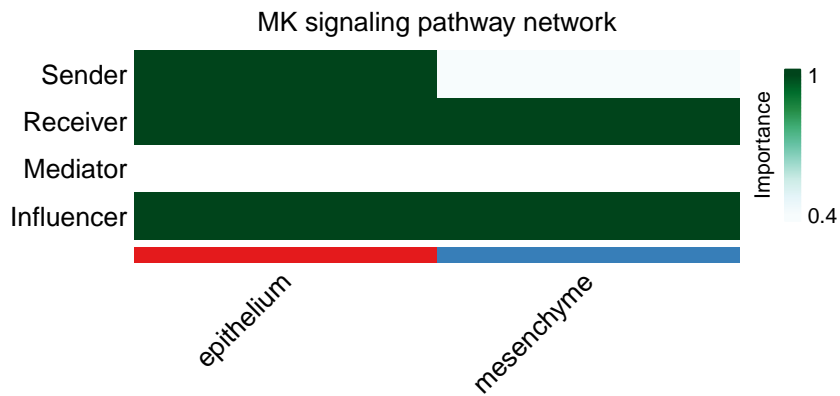




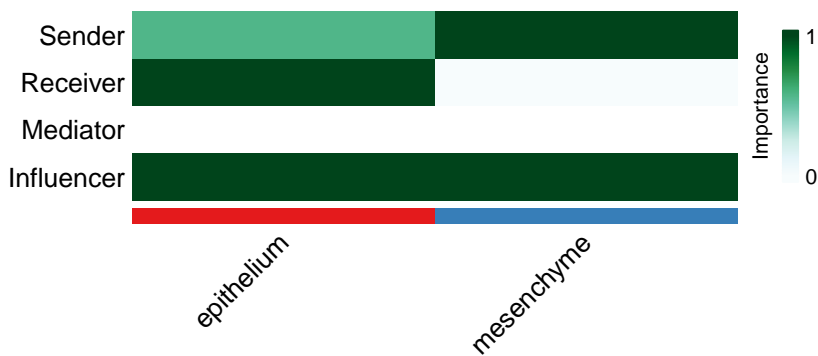




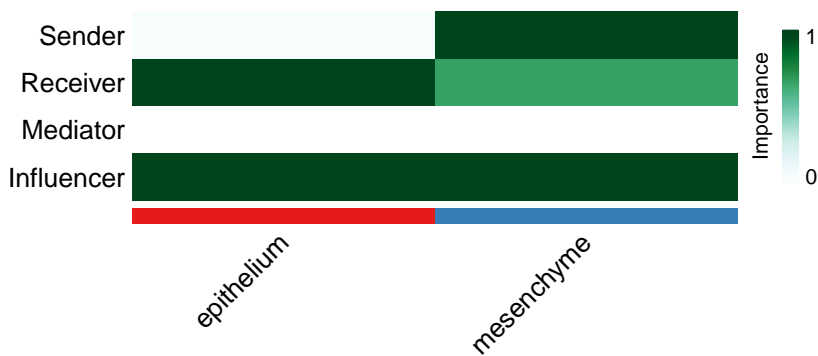


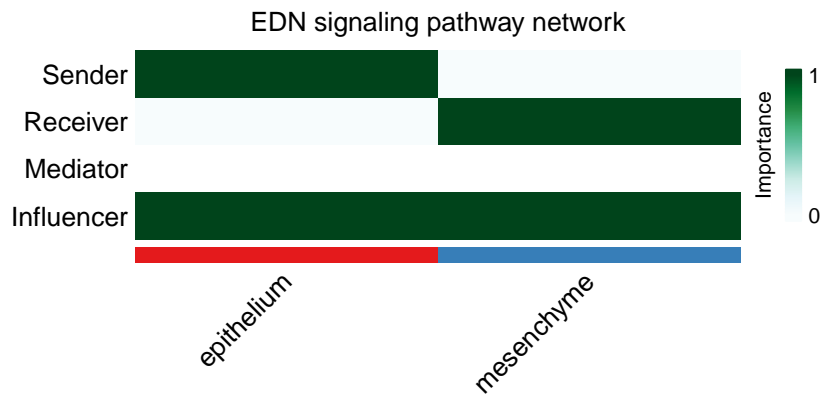


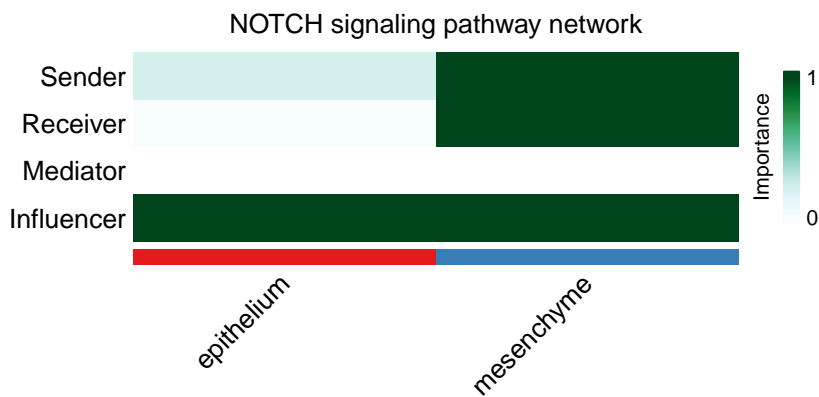
### THBS signaling pathway network



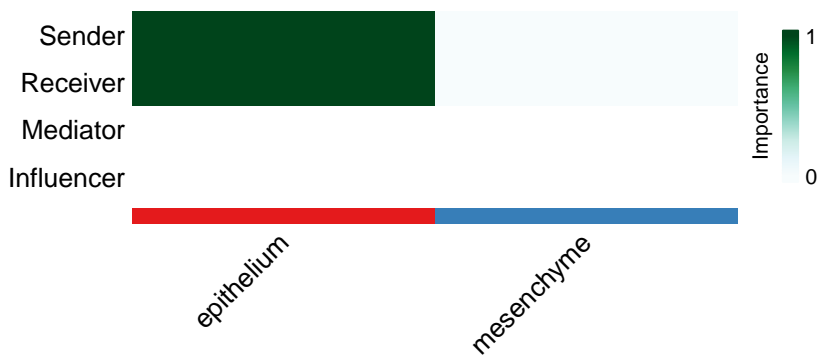
### PTN signaling pathway network

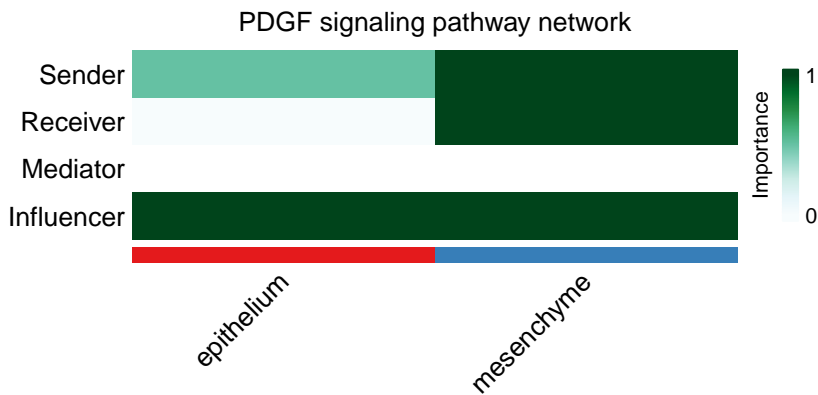




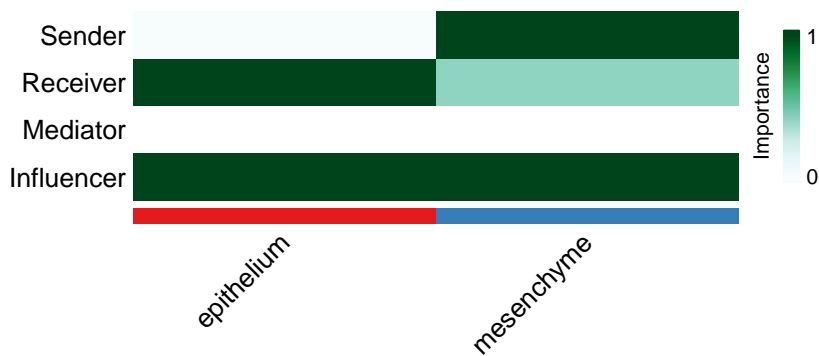


# CDH signaling pathway network

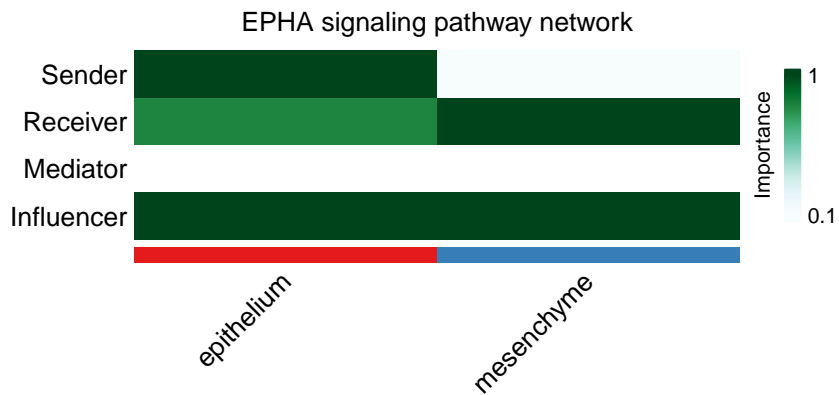




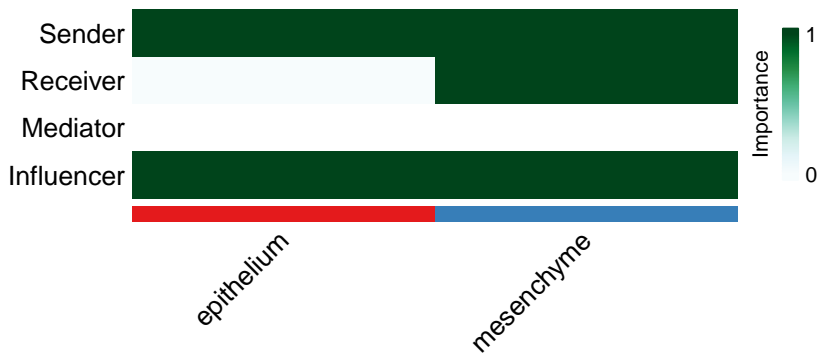
### FN1 signaling pathway network



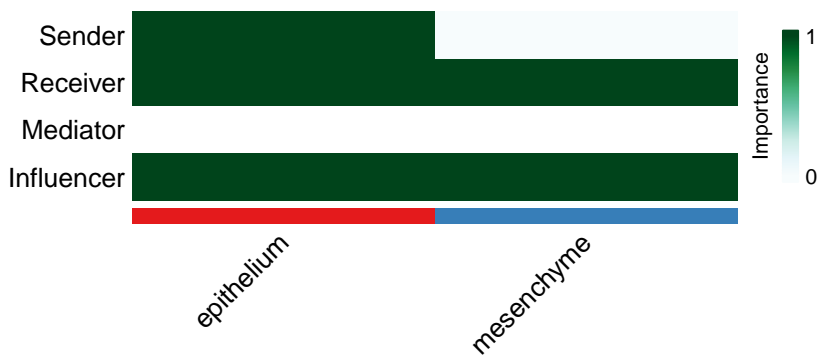




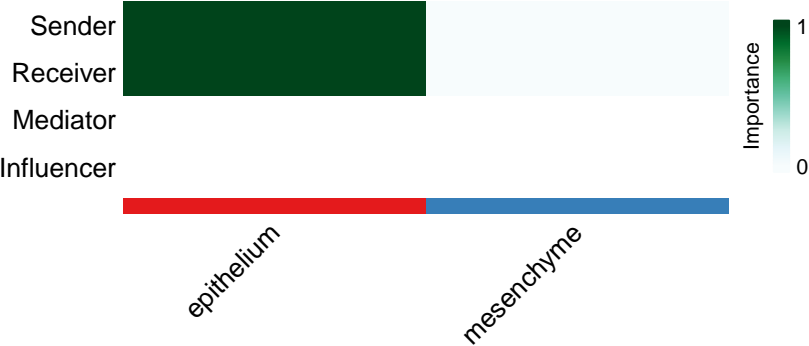
### VEGF signaling pathway network



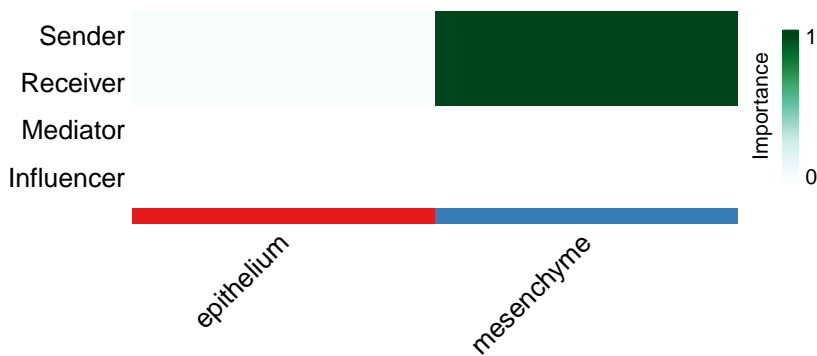
### GDF signaling pathway network



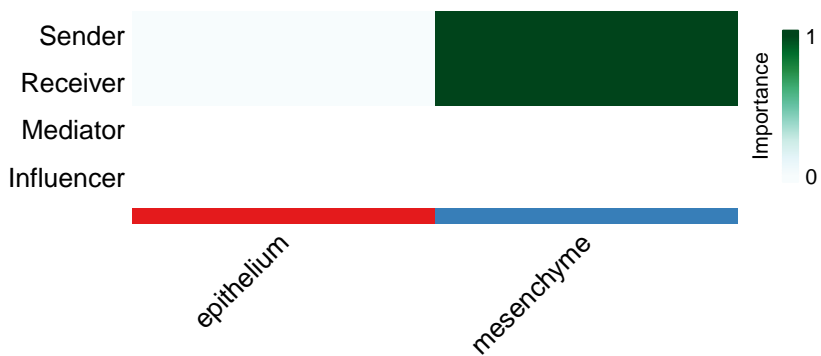
DESMOSOME signaling pathway network

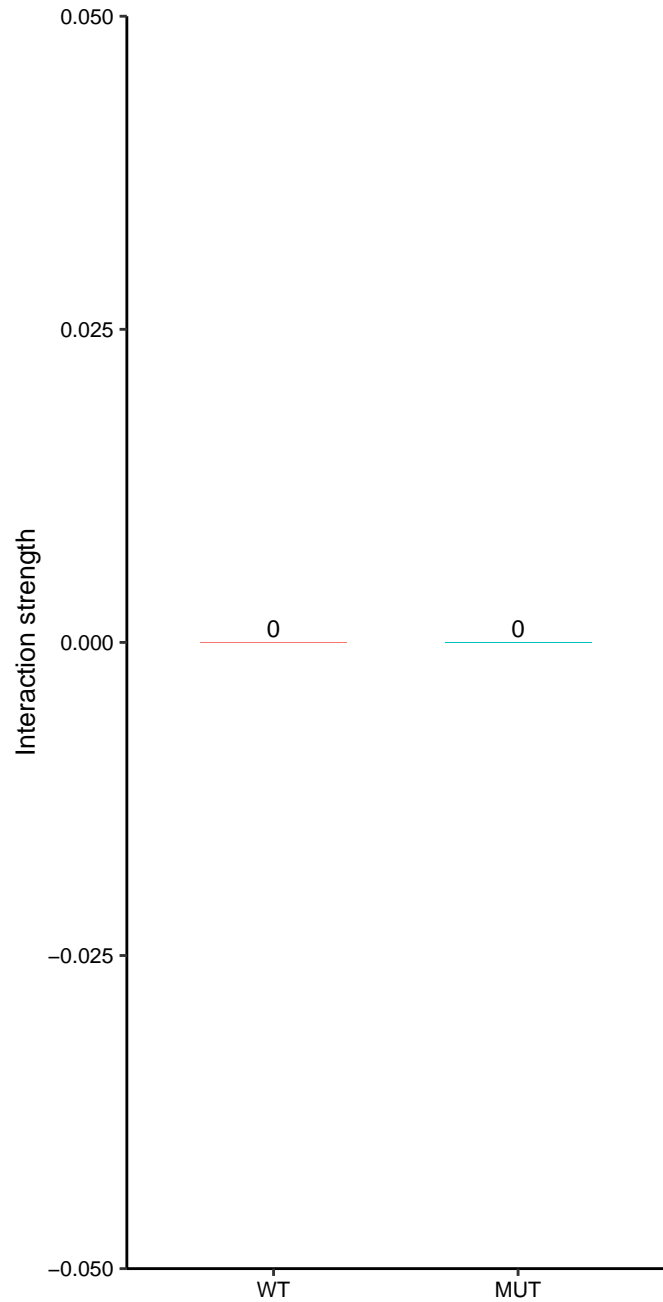
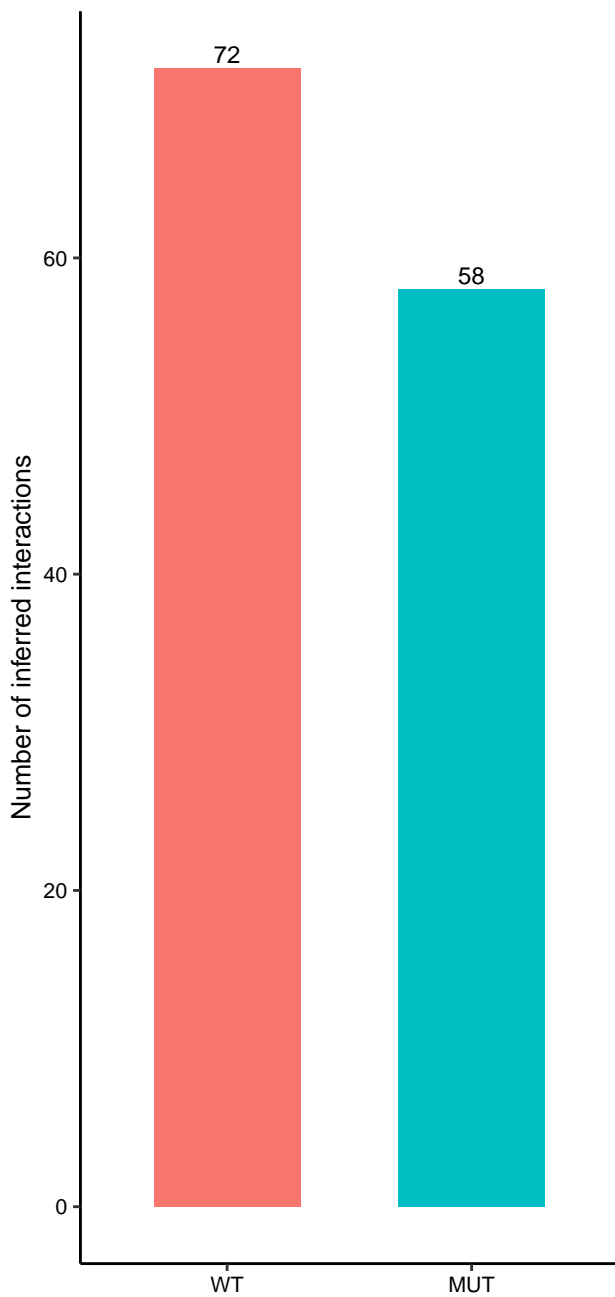


# CXCL signaling pathway network



# ESAM signaling pathway network

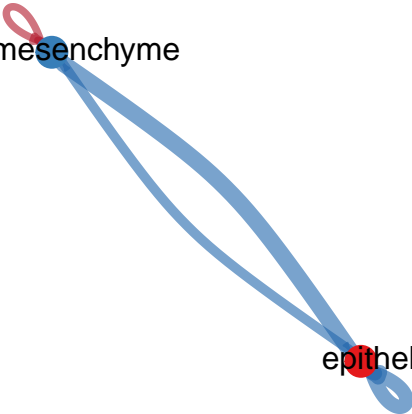




Differential number of interactions

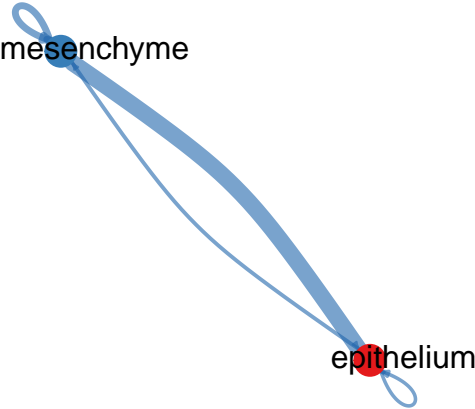
mesenchyme

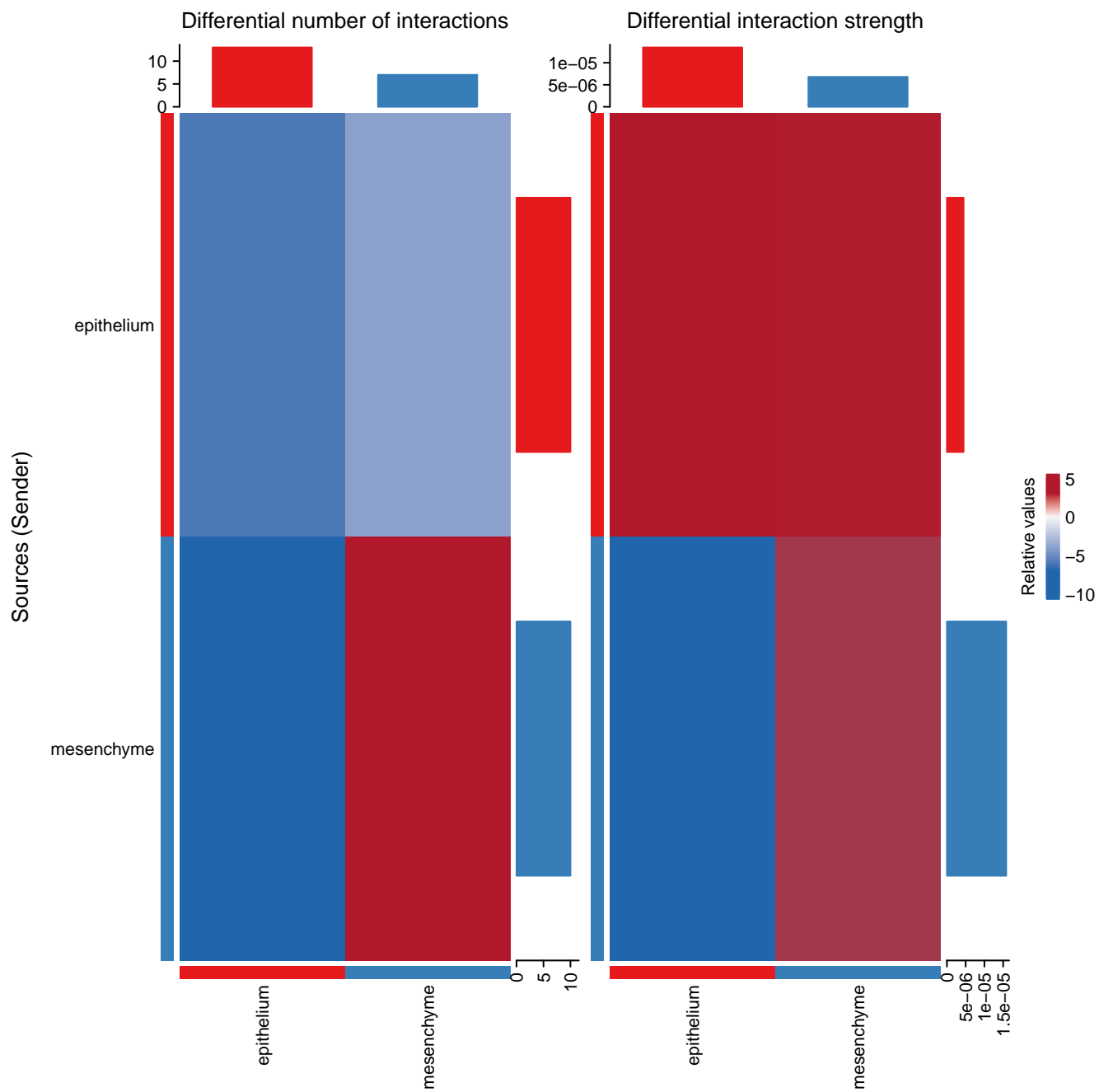
epithelium



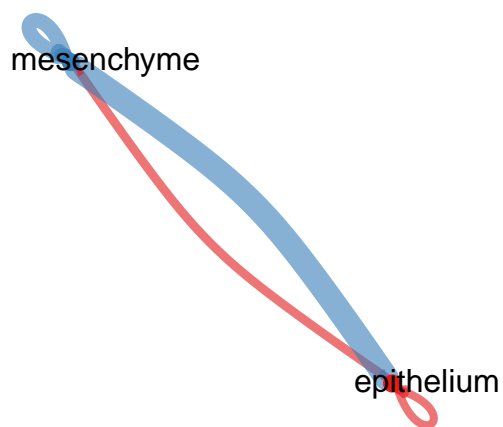


Differential interaction strength

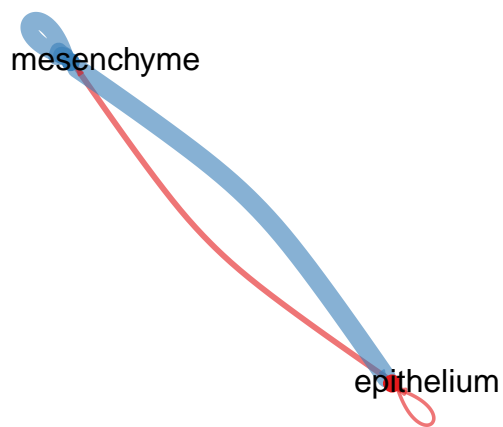




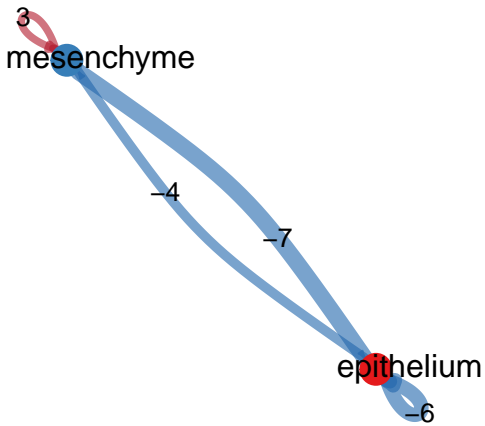
Number of interactions – WT



Number of interactions – MUT



Differential number of interactions



Differential interaction strength

