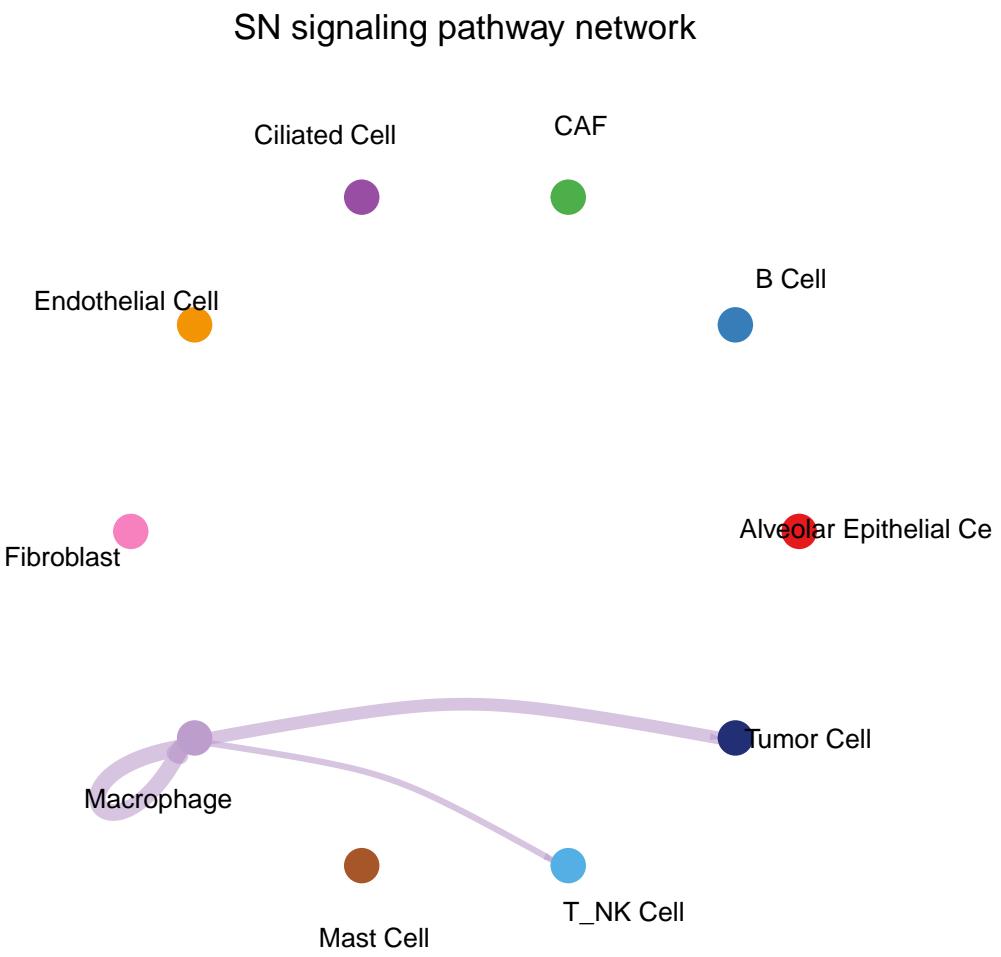
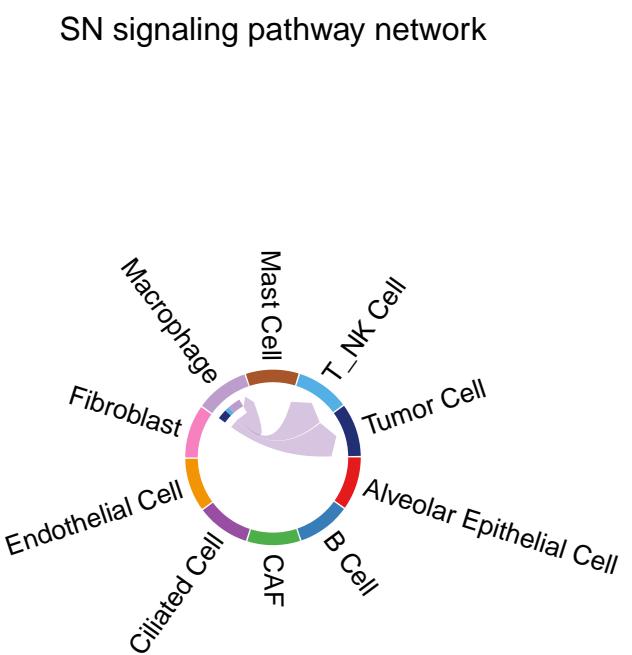


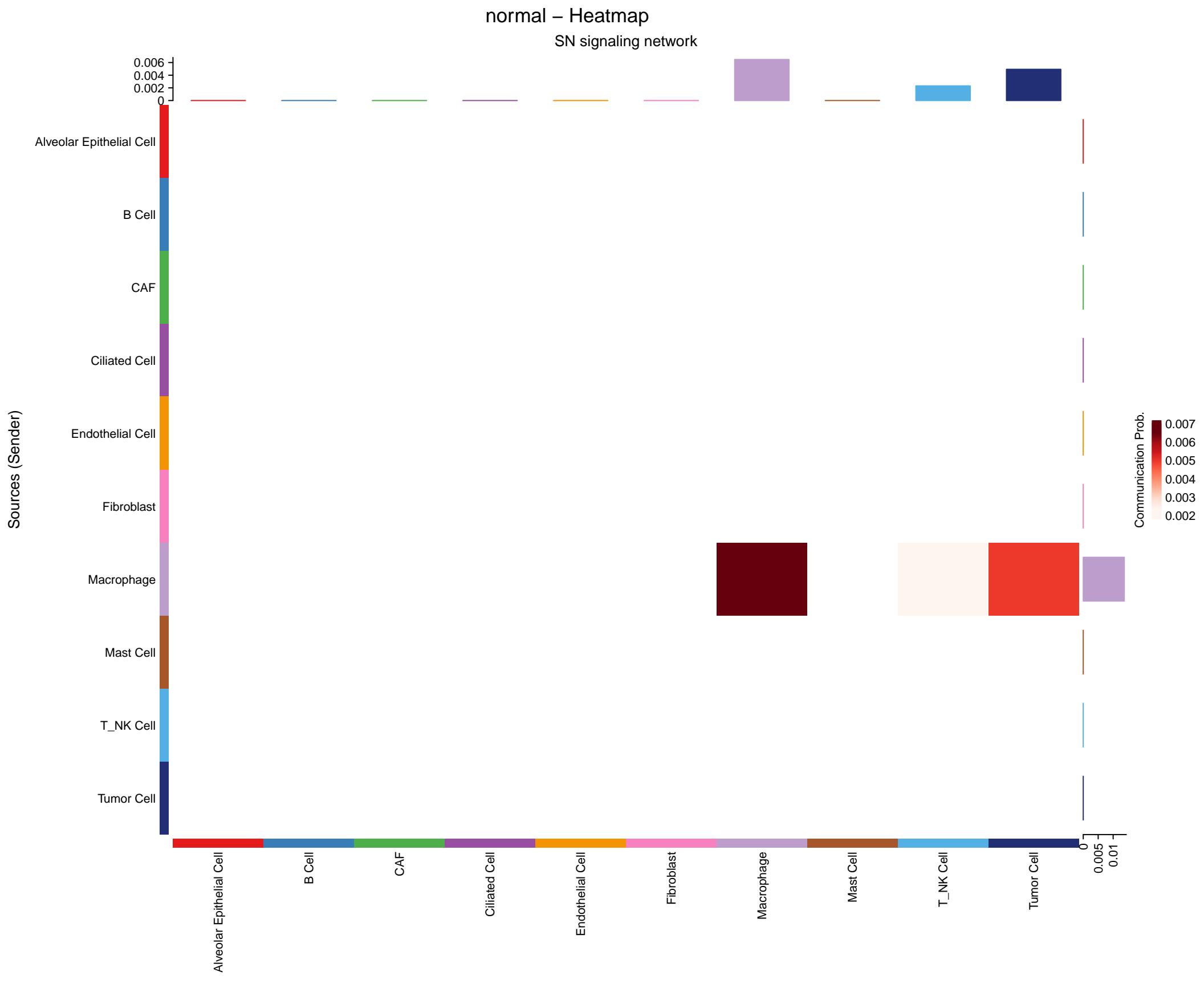


**normal – Circle**



**normal – Chord**



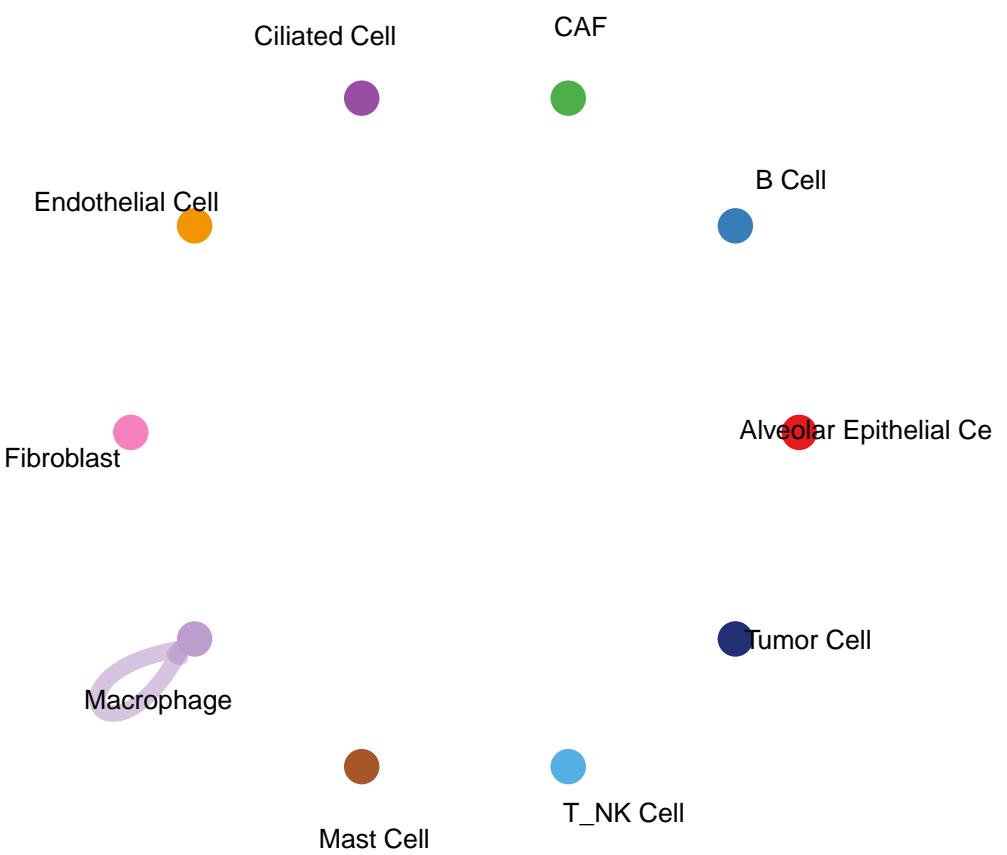




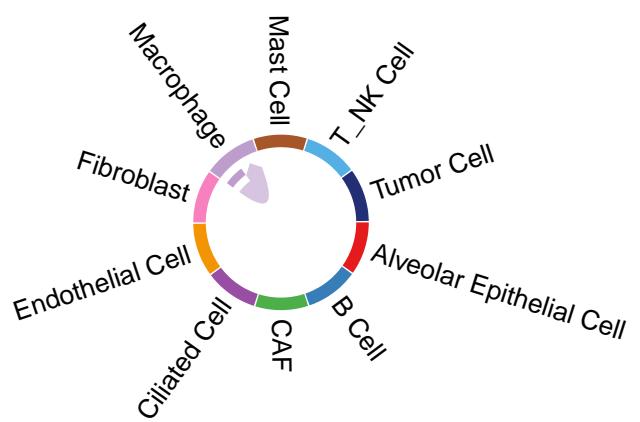
**early – Circle**

**early – Chord**

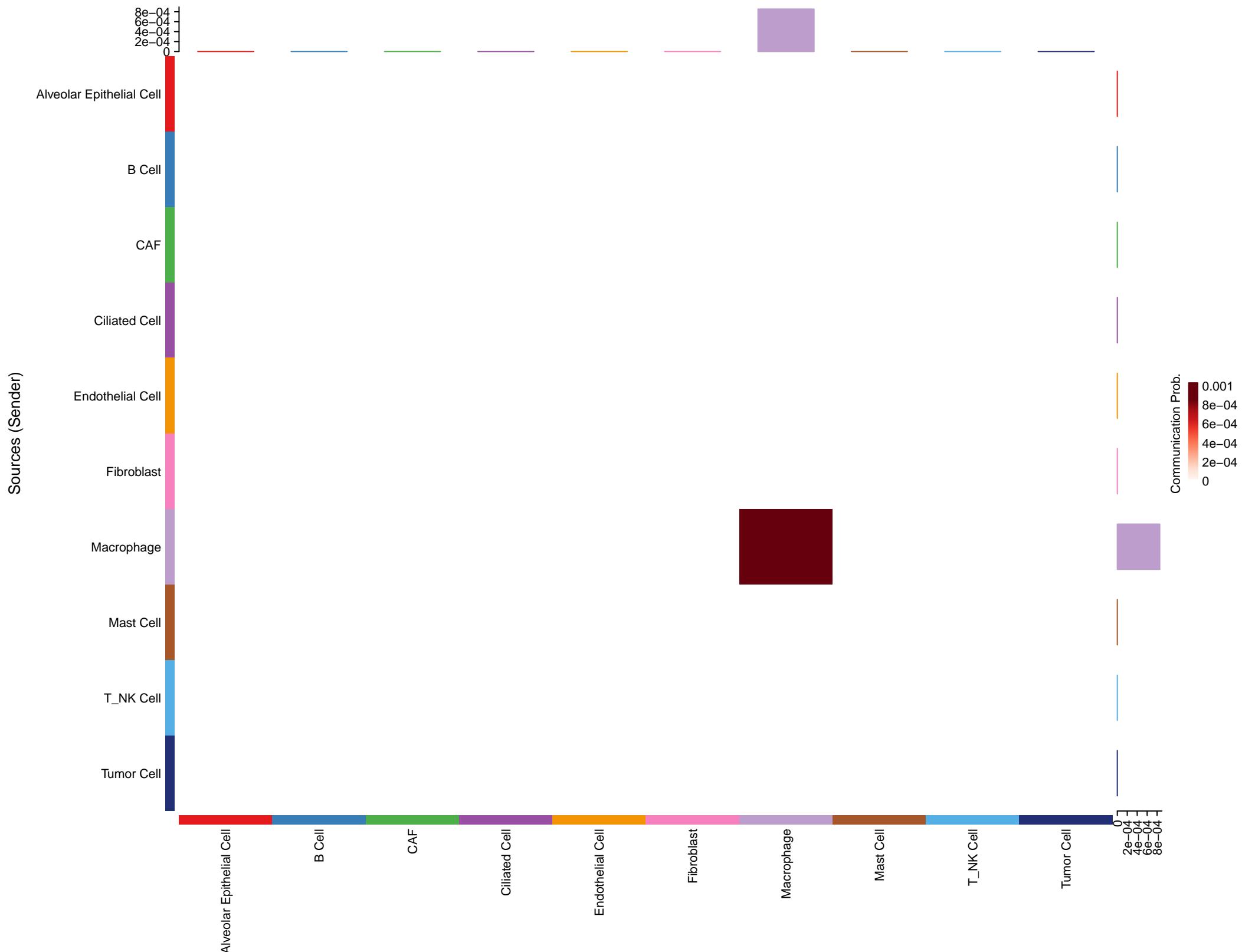
**SN signaling pathway network**



**SN signaling pathway network**



early – Heatmap  
SN signaling network



**middle: No signaling**

# SN – Information Flow

