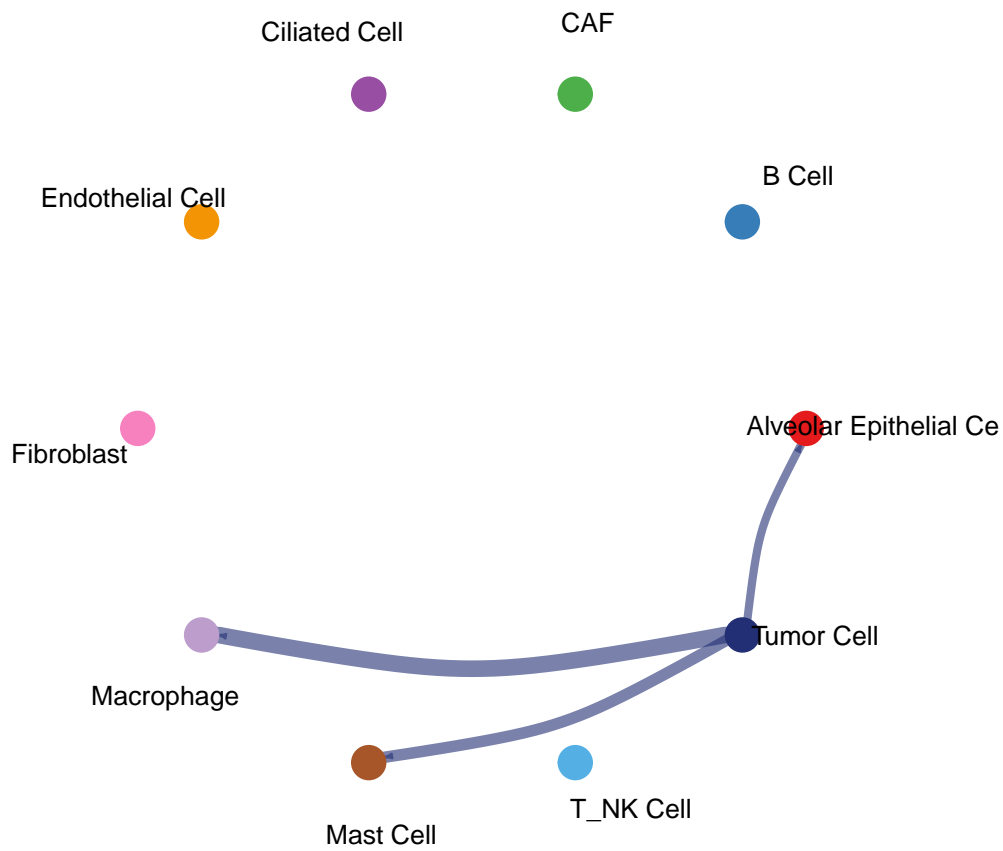




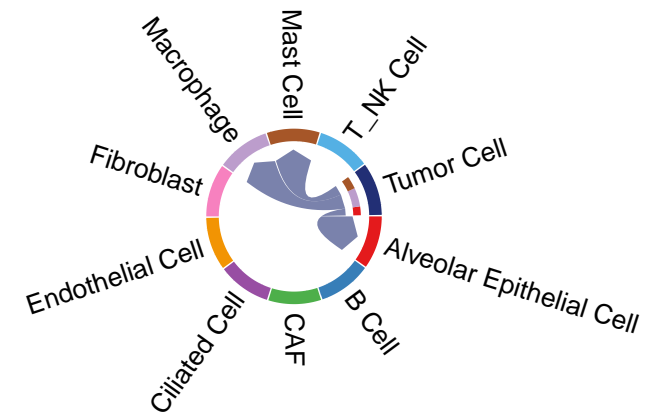
## normal – Circle

IFN- $\text{II}$  signaling pathway network



## normal – Chord

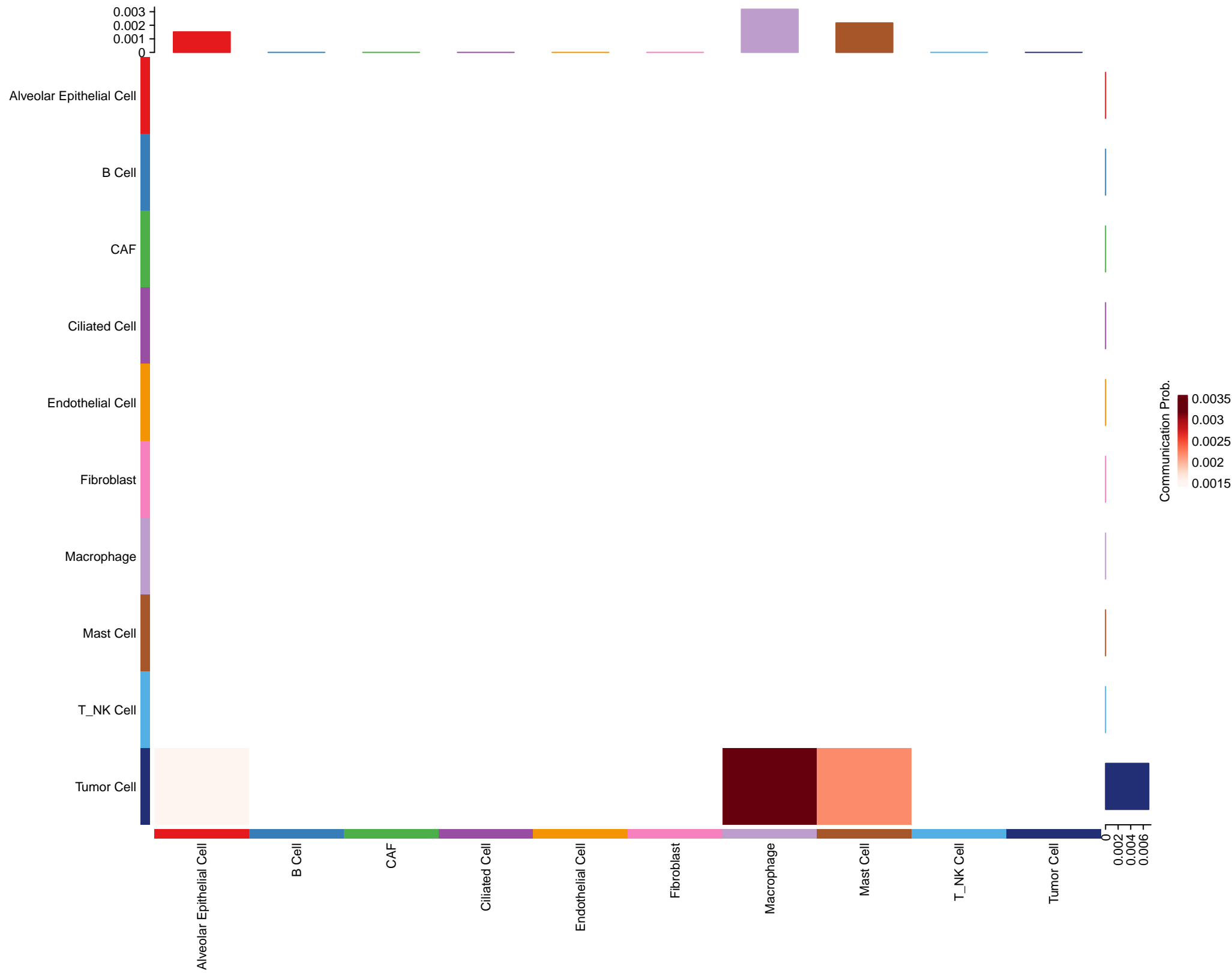
IFN- $\text{II}$  signaling pathway network



# normal – Heatmap

IFN-III signaling network

Sources (Sender)



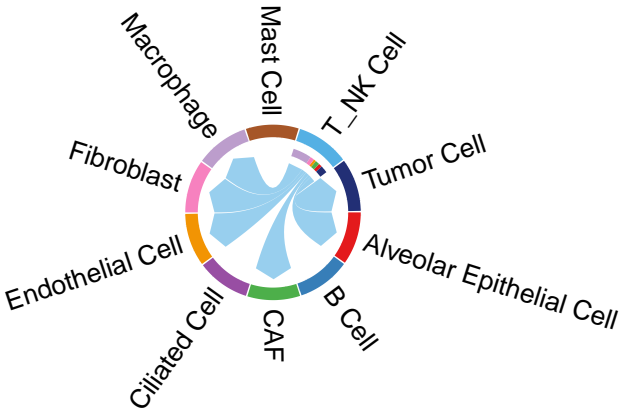
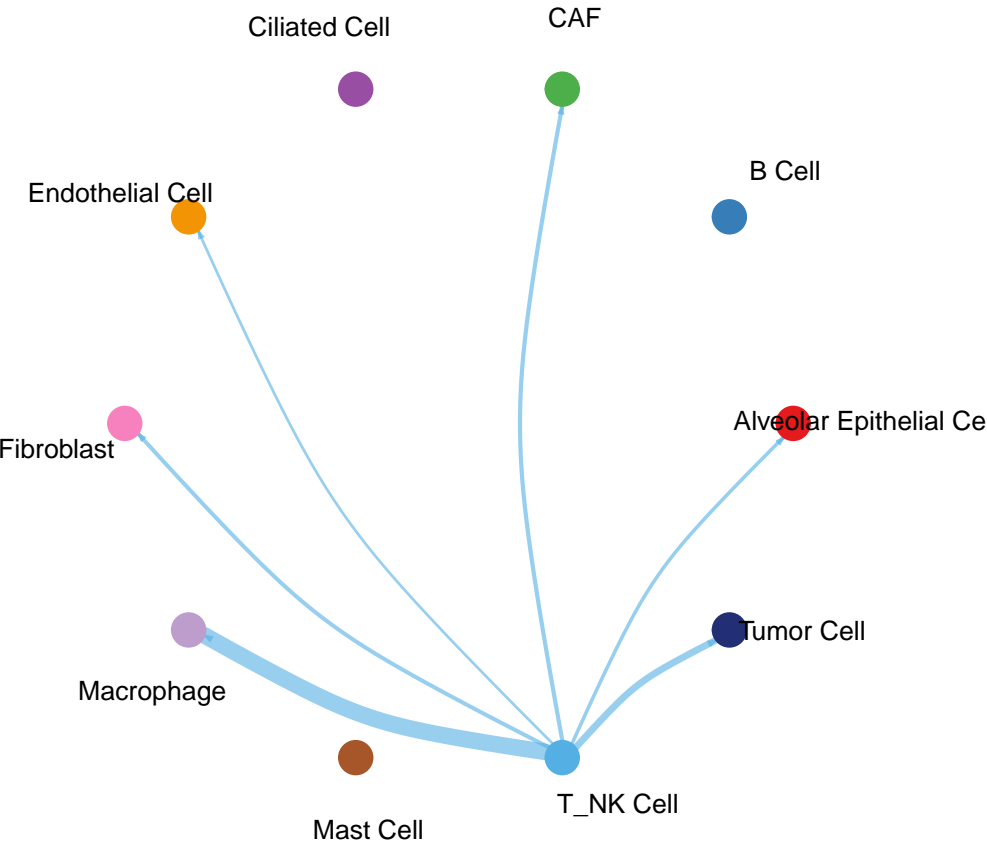


early – Circle

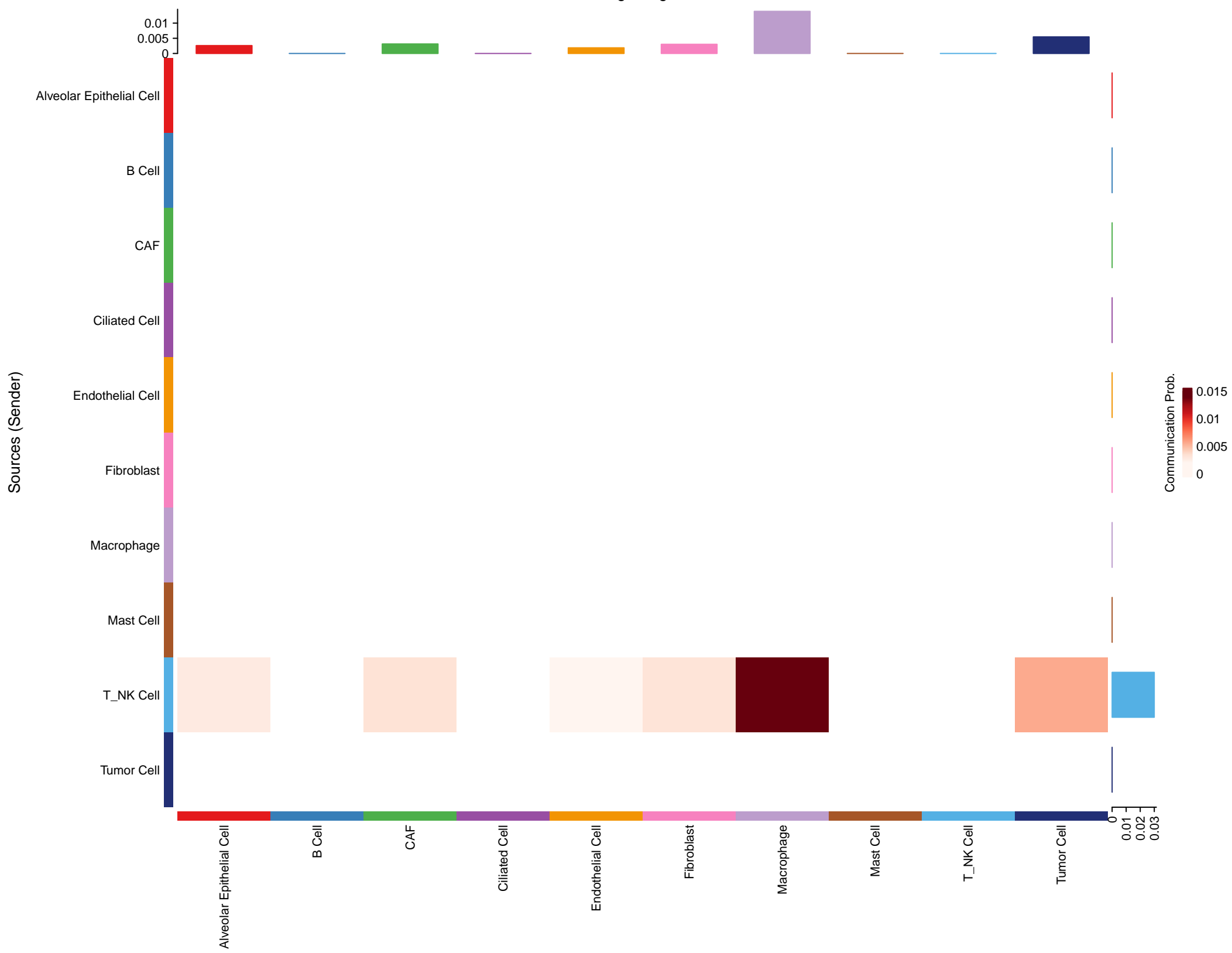
early – Chord

IFN- $\text{II}$  signaling pathway network

IFN- $\text{II}$  signaling pathway network



### IFN-II signaling network



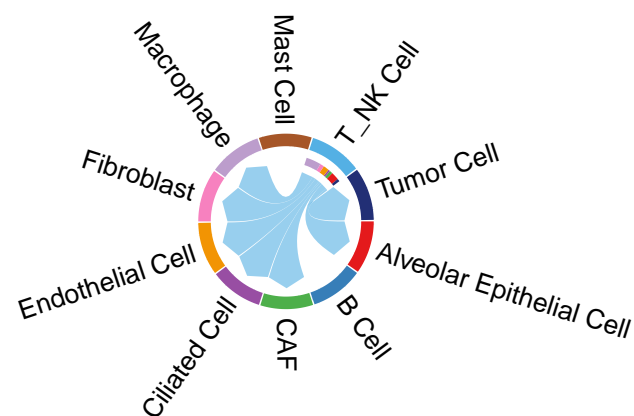
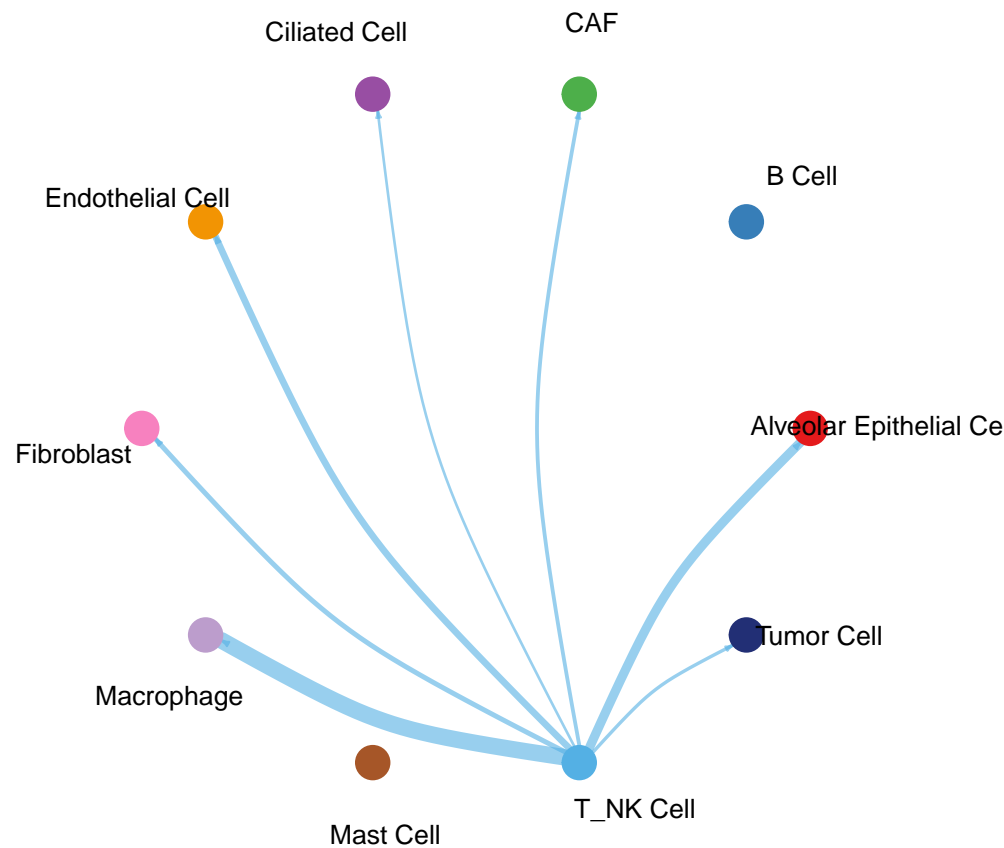


middle – Circle

middle – Chord

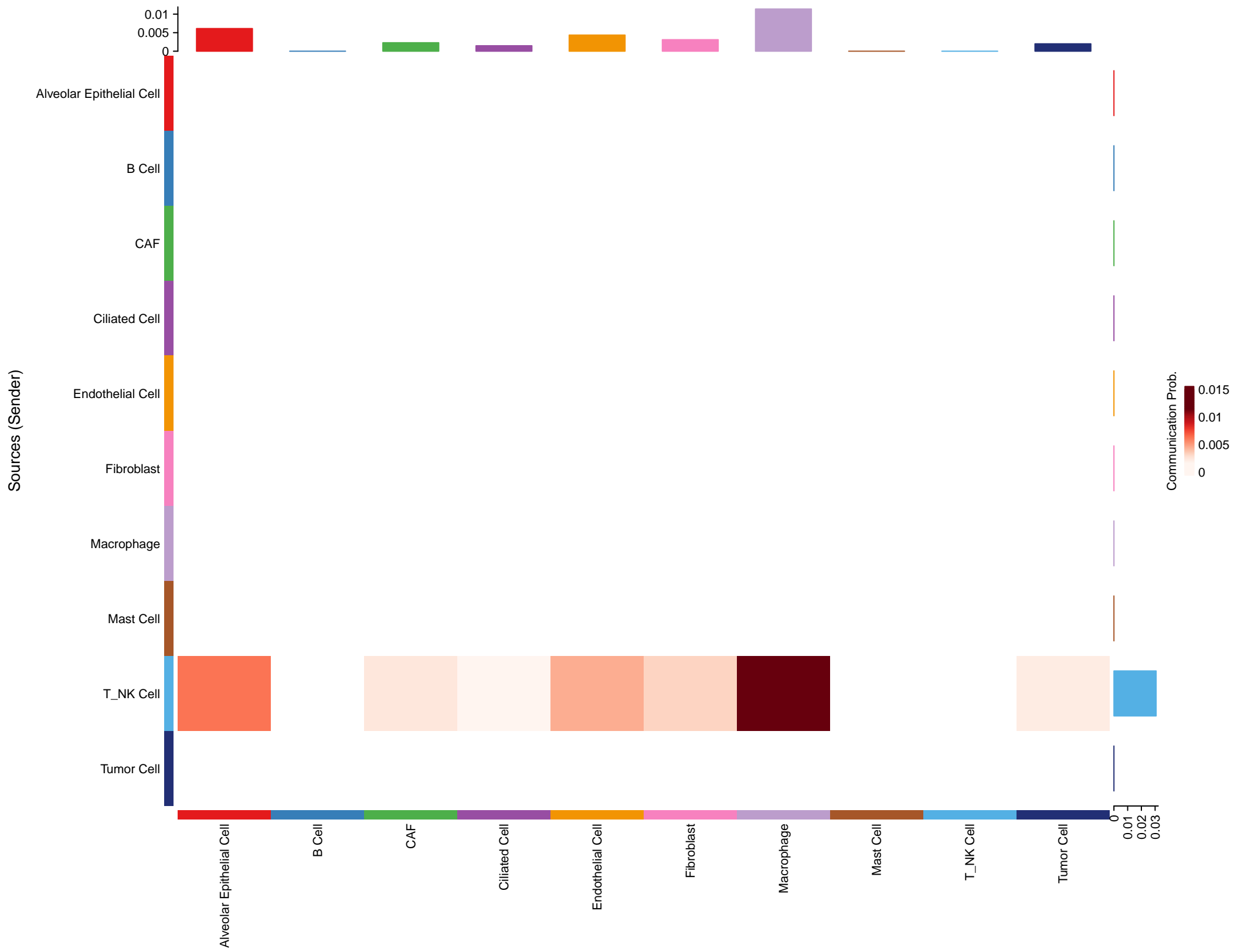
IFN- $\text{II}$  signaling pathway network

IFN- $\text{II}$  signaling pathway network





IFN-II signaling network



# IFN-II – Information Flow

