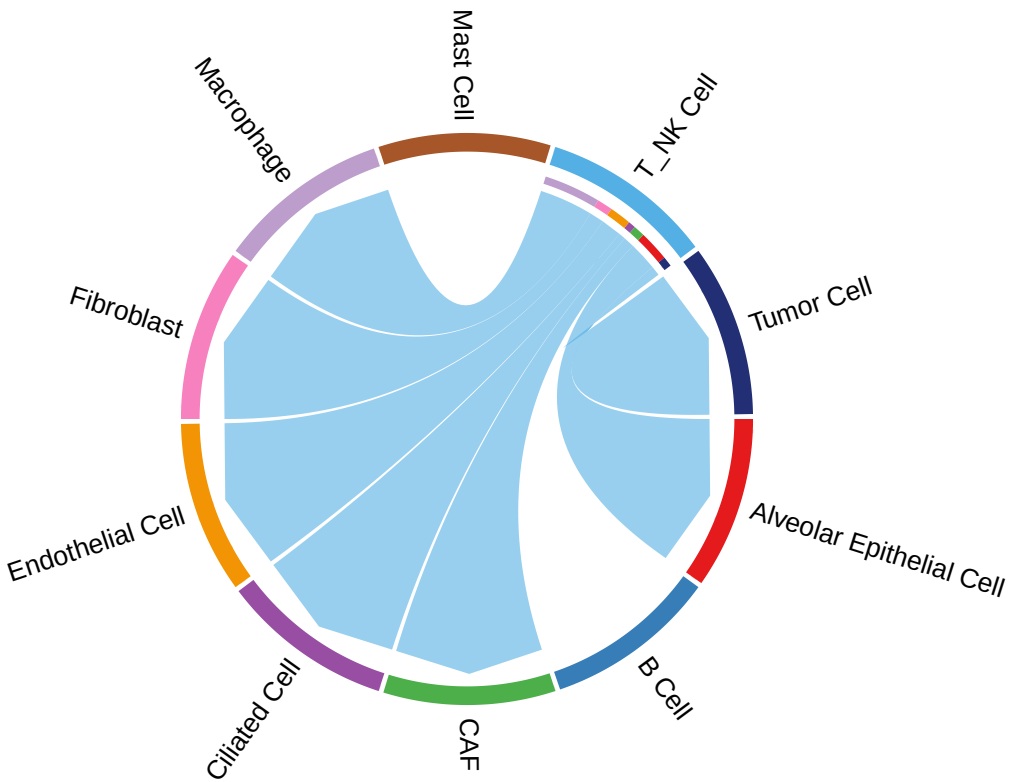
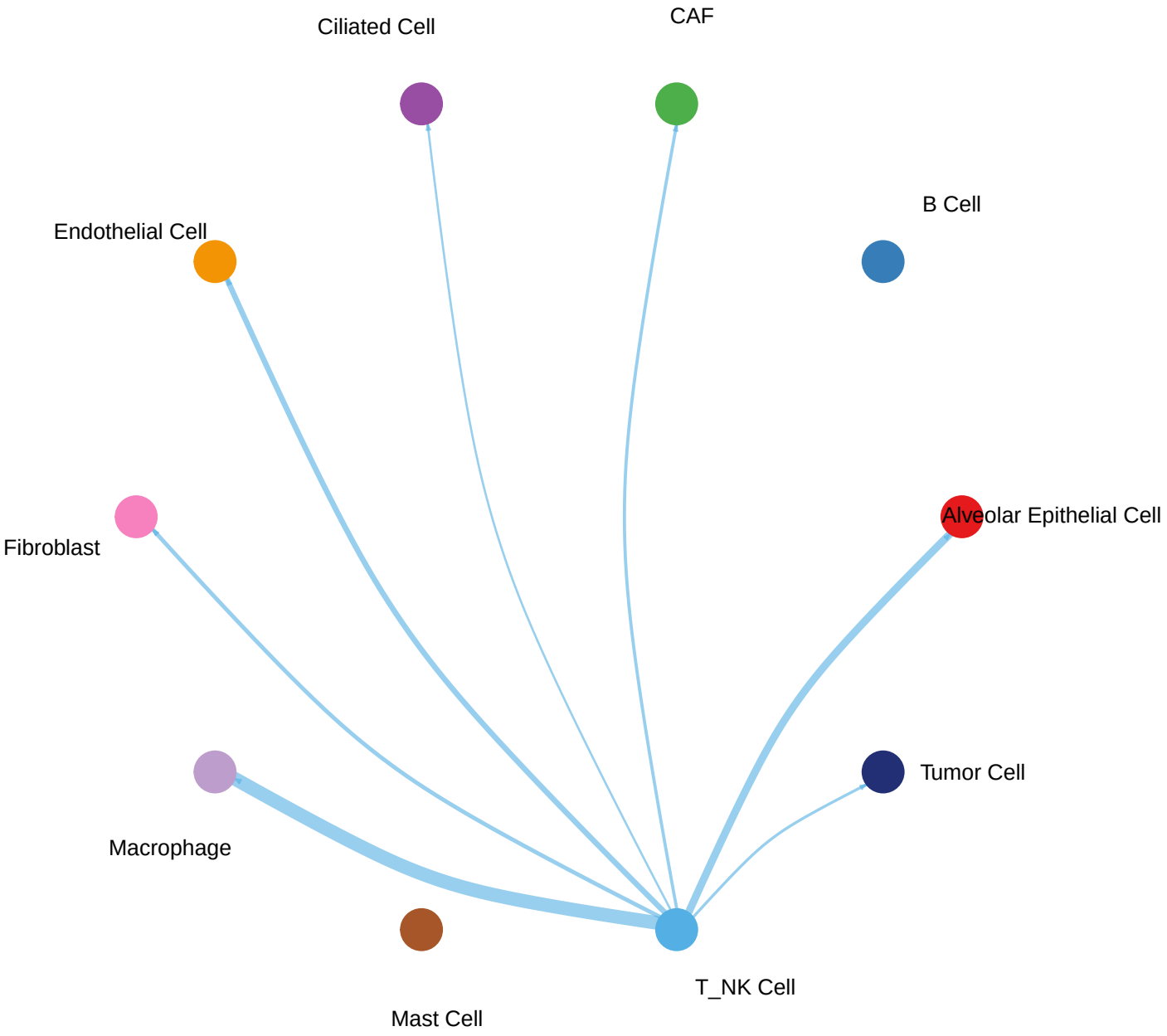
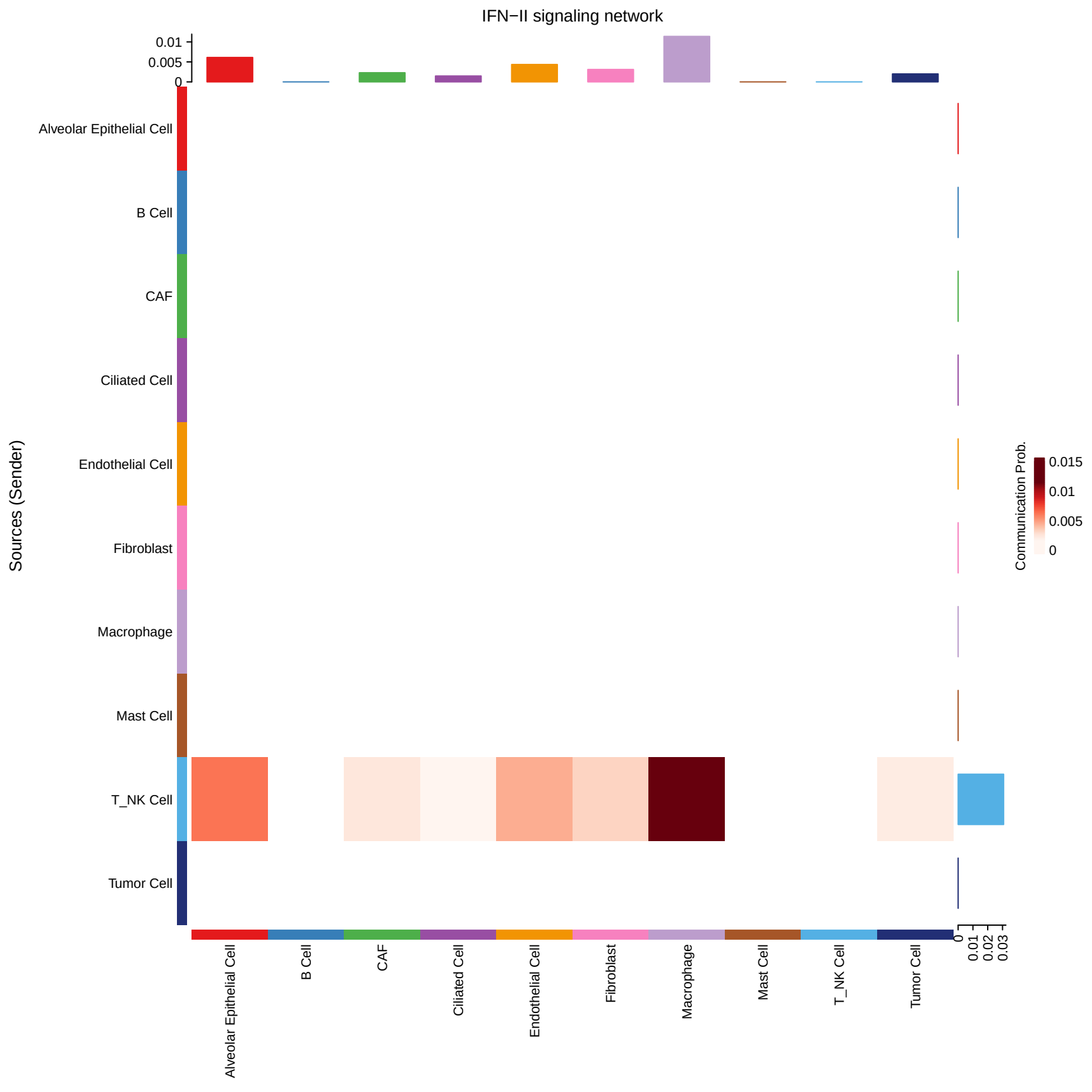
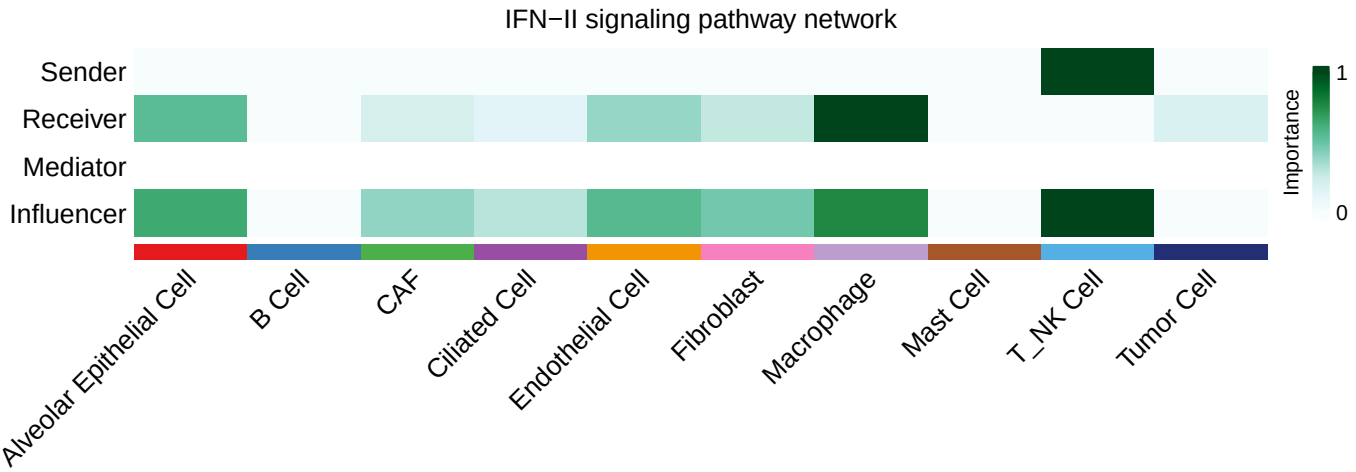
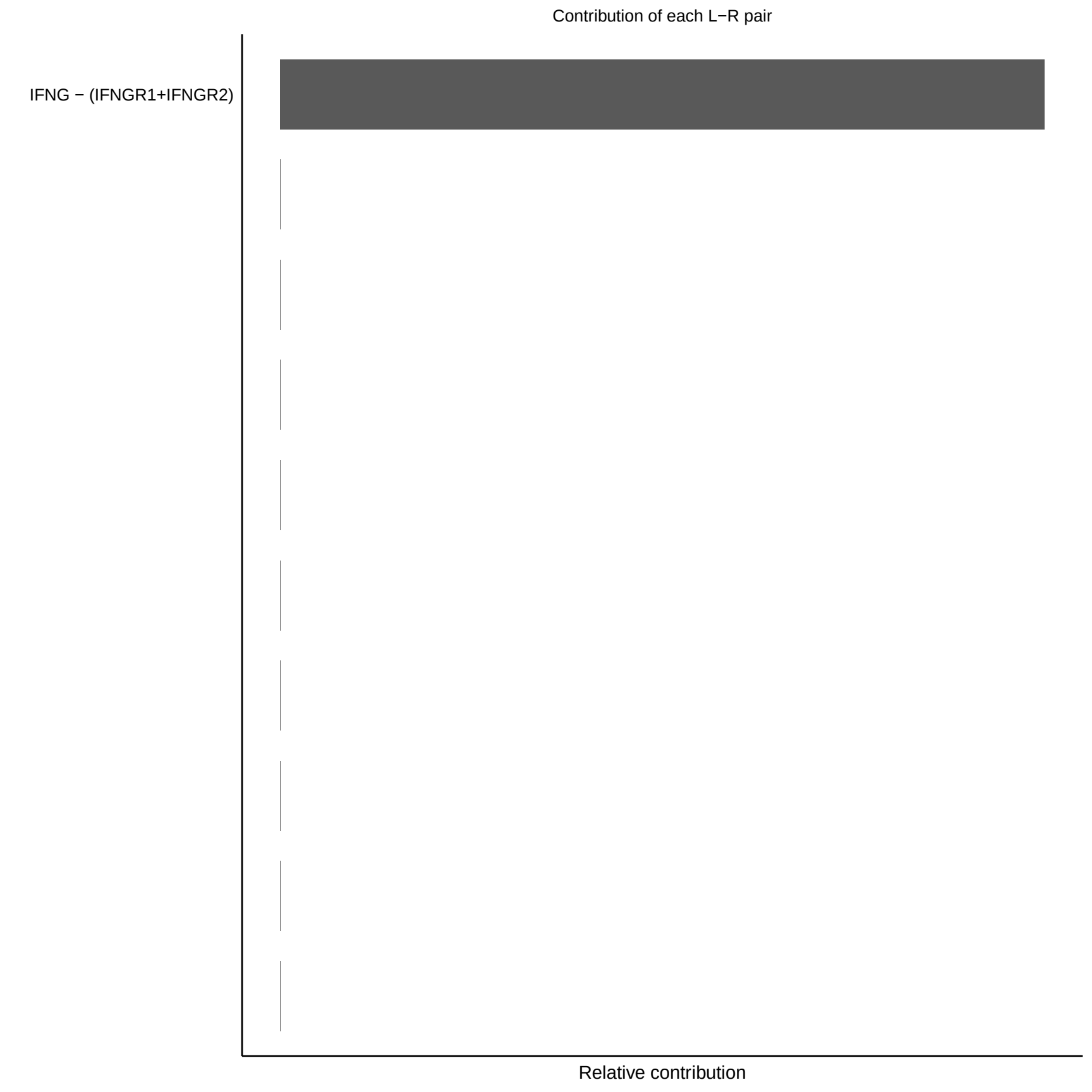
IFN−II signaling pathway network

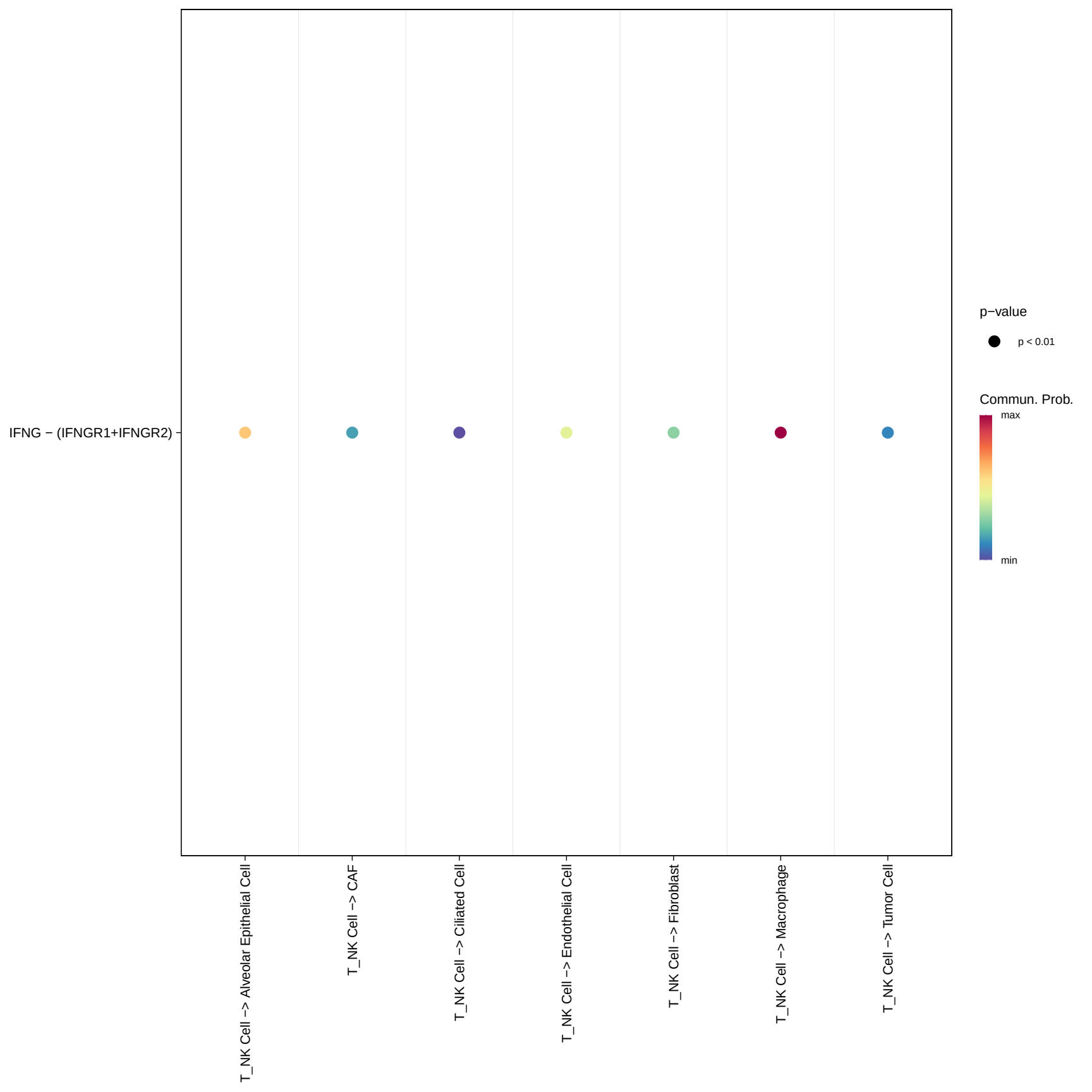



Ciliated Cell
CAF
B Cell
Endothelial Cell
Fibroblast
Alveolar Epithelial Cell
Tumor Cell
Macrophage
T_NK Cell
Mast Cell


IFN−II signaling network
0.01
0.005
0
Alveolar Epithelial Cell
B Cell
CAF
Ciliated Cell
Endothelial Cell
Fibroblast
Macrophage
Mast Cell
T_NK Cell
Tumor Cell
Sources (Sender)
Communication Prob.
0.015
0.01
0.005
0
0
0.01
0.02
0.03


IFN−II signaling pathway network
Sender
Receiver
Mediator
Influencer
Importance
1
0
Alveolar Epithelial Cell
B Cell
CAF
Ciliated Cell
Endothelial Cell
Fibroblast
Macrophage
Mast Cell
T_NK Cell
Tumor Cell


Contribution of each L−R pair
IFNG − (IFNGR1+IFNGR2)
Relative contribution


IFNG − (IFNGR1+IFNGR2)
T_NK Cell –> Alveolar Epithelial Cell
T_NK Cell –> CAF
T_NK Cell –> Ciliated Cell
T_NK Cell –> Endothelial Cell
T_NK Cell –> Fibroblast
T_NK Cell –> Macrophage
T_NK Cell –> Tumor Cell
p−value
p < 0.01
Commun. Prob.
max
min