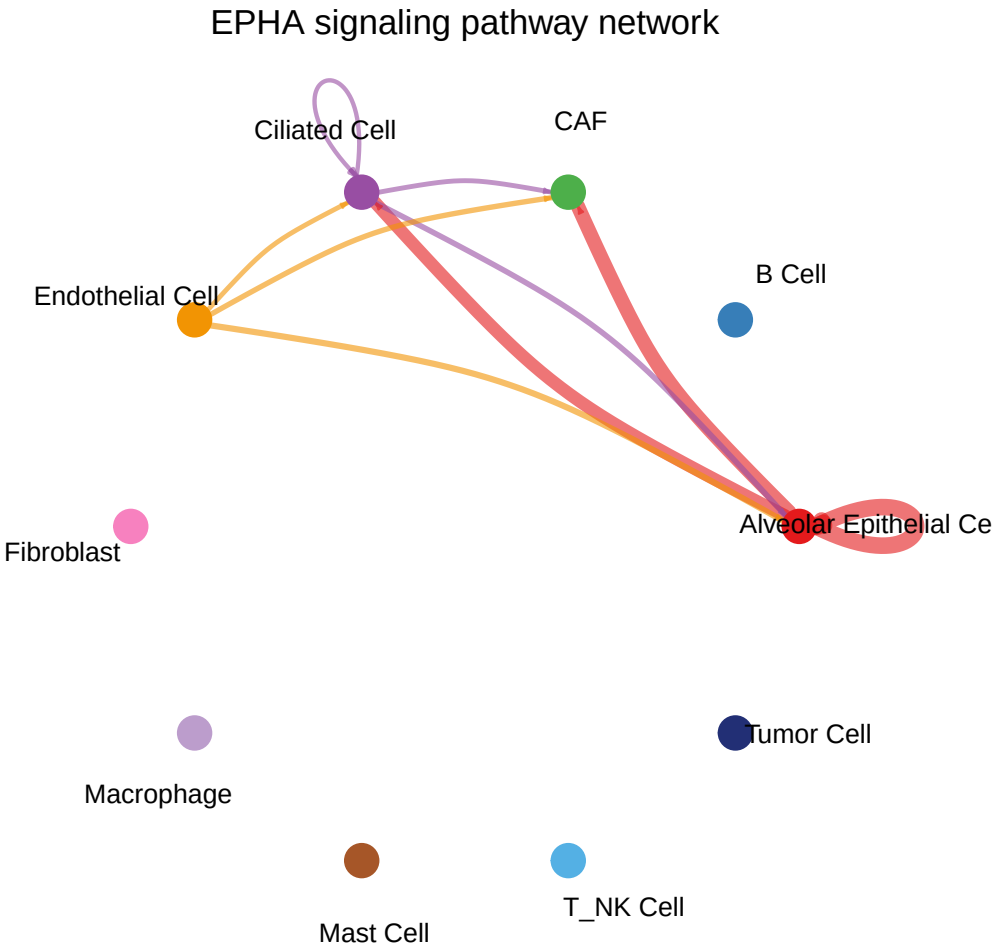
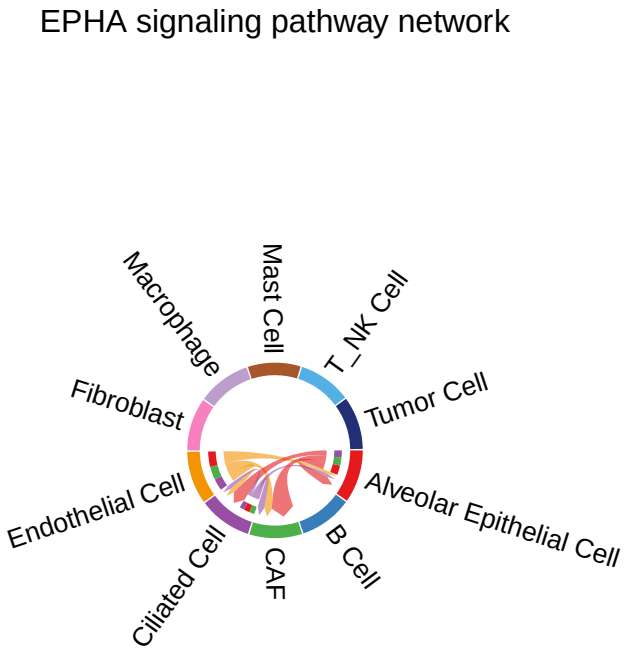
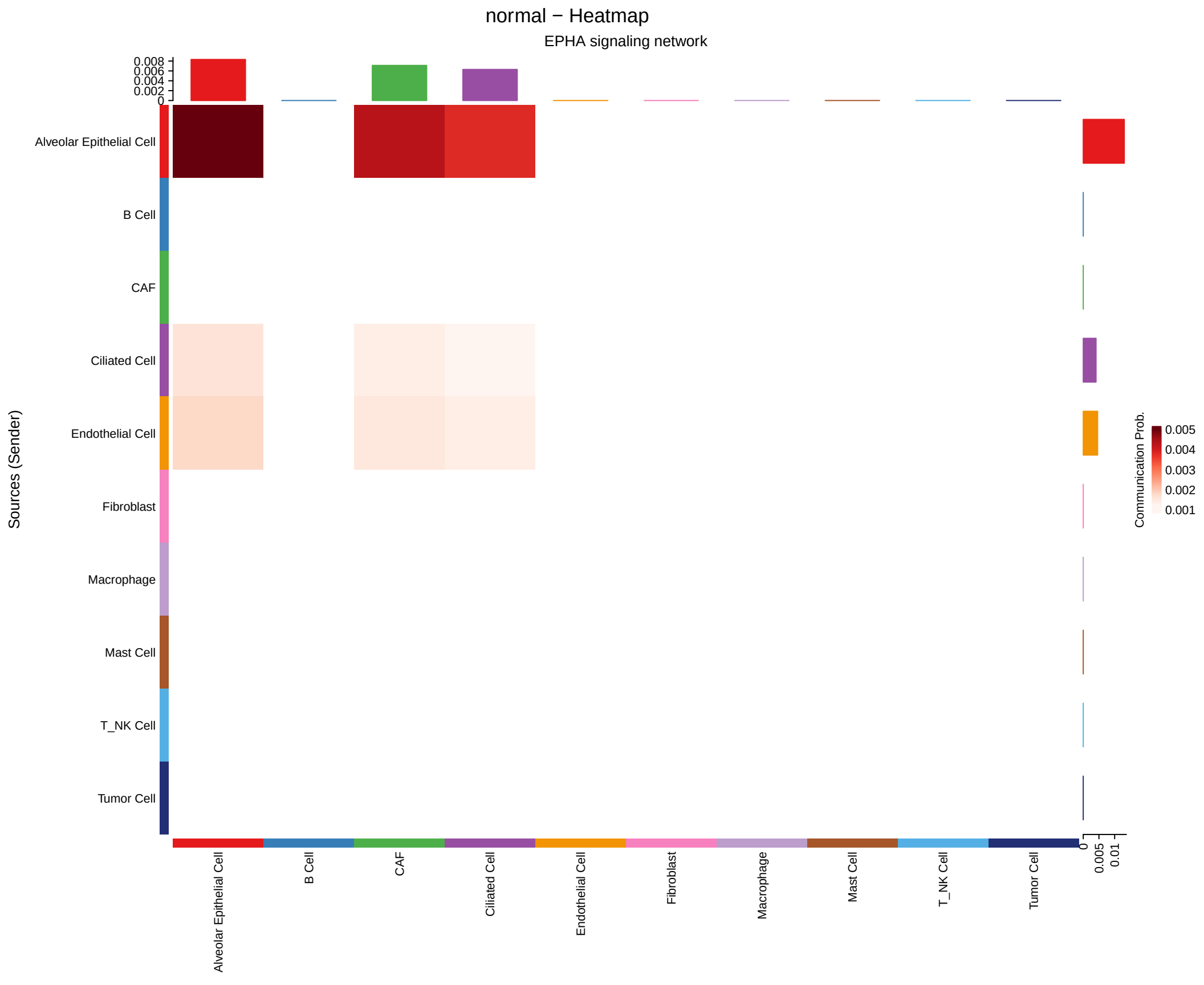
normal − Circle



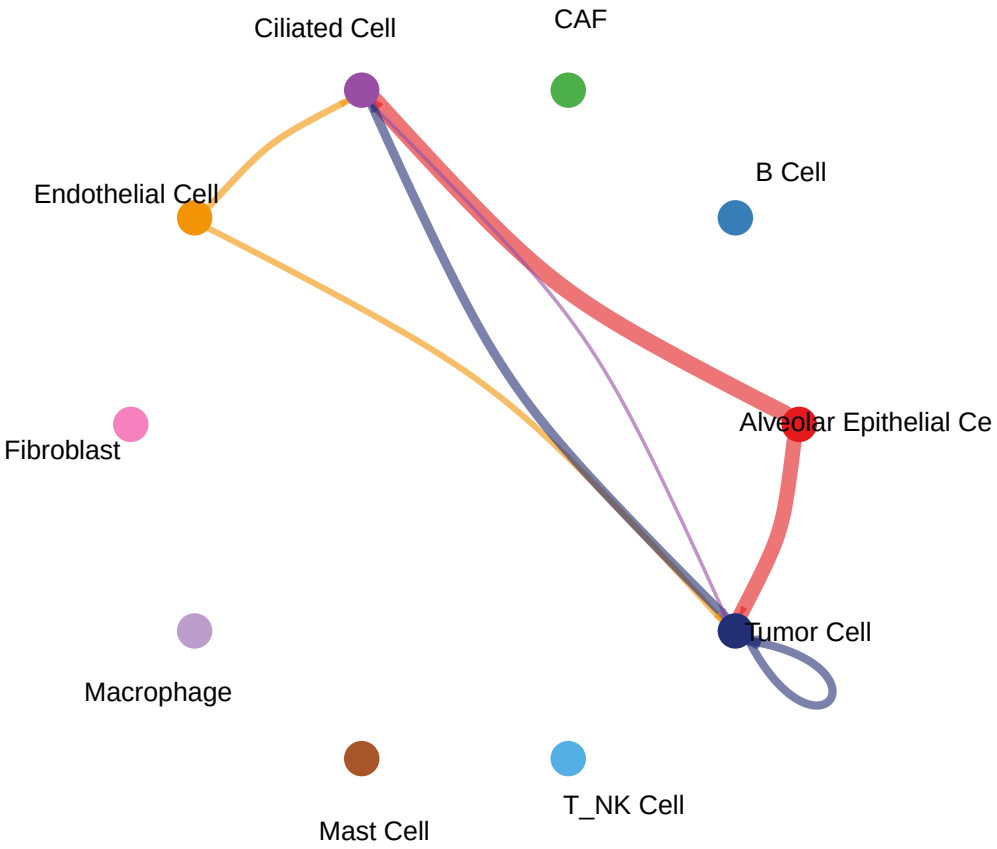
normal − Chord




normal − Heatmap
EPHA signaling network
0.008
0.006
0.004
0.002
0
Alveolar Epithelial Cell
B Cell
CAF
Ciliated Cell
Endothelial Cell
Fibroblast
Macrophage
Mast Cell
T_NK Cell
Tumor Cell
Sources (Sender)
Communication Prob.
0.005
0.004
0.003
0.002
0.001
0
0.005
0.01

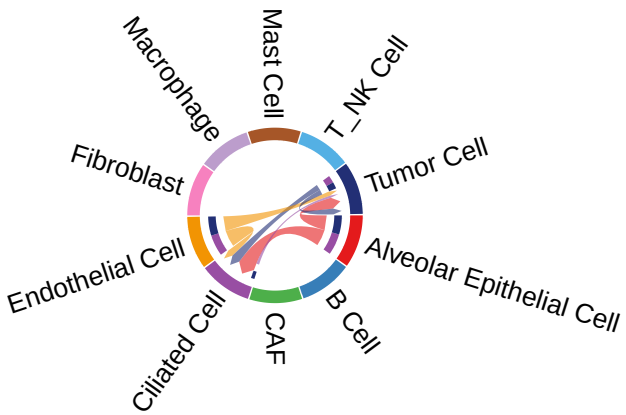
early − Circle

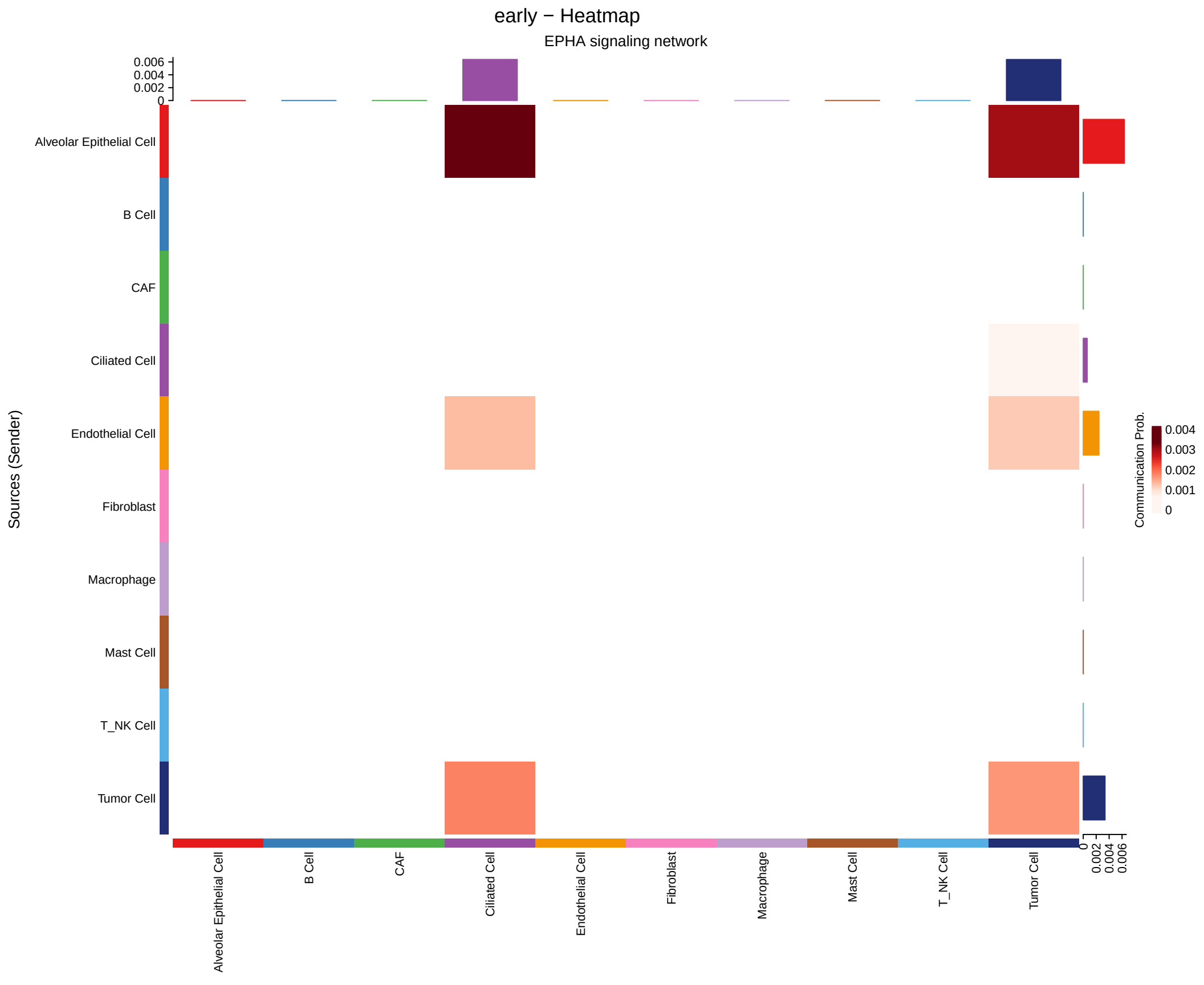
EPHA signaling pathway network



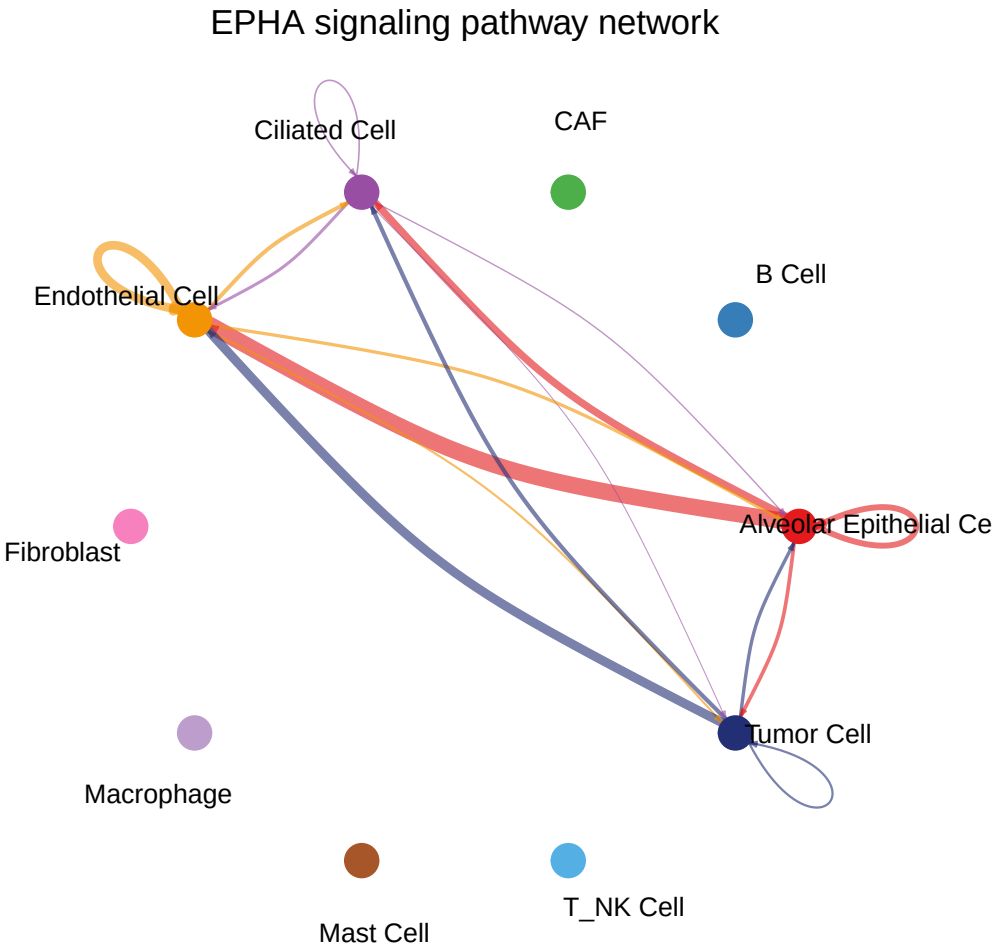
early − Chord

EPHA signaling pathway network

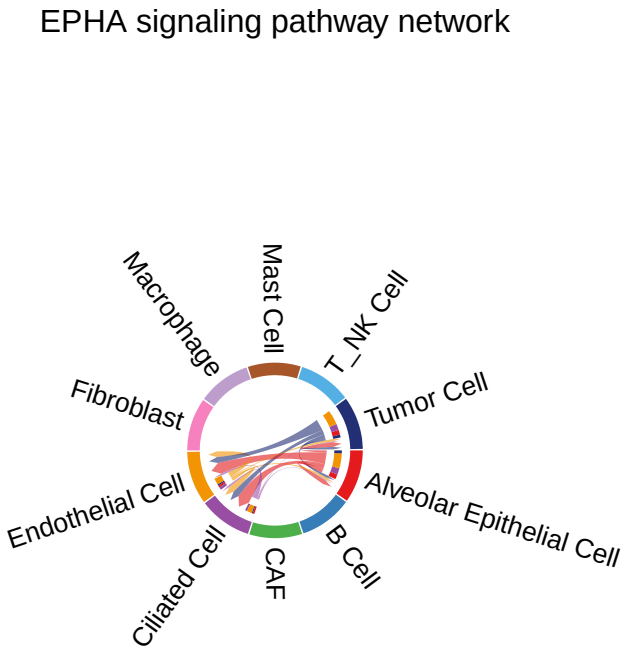


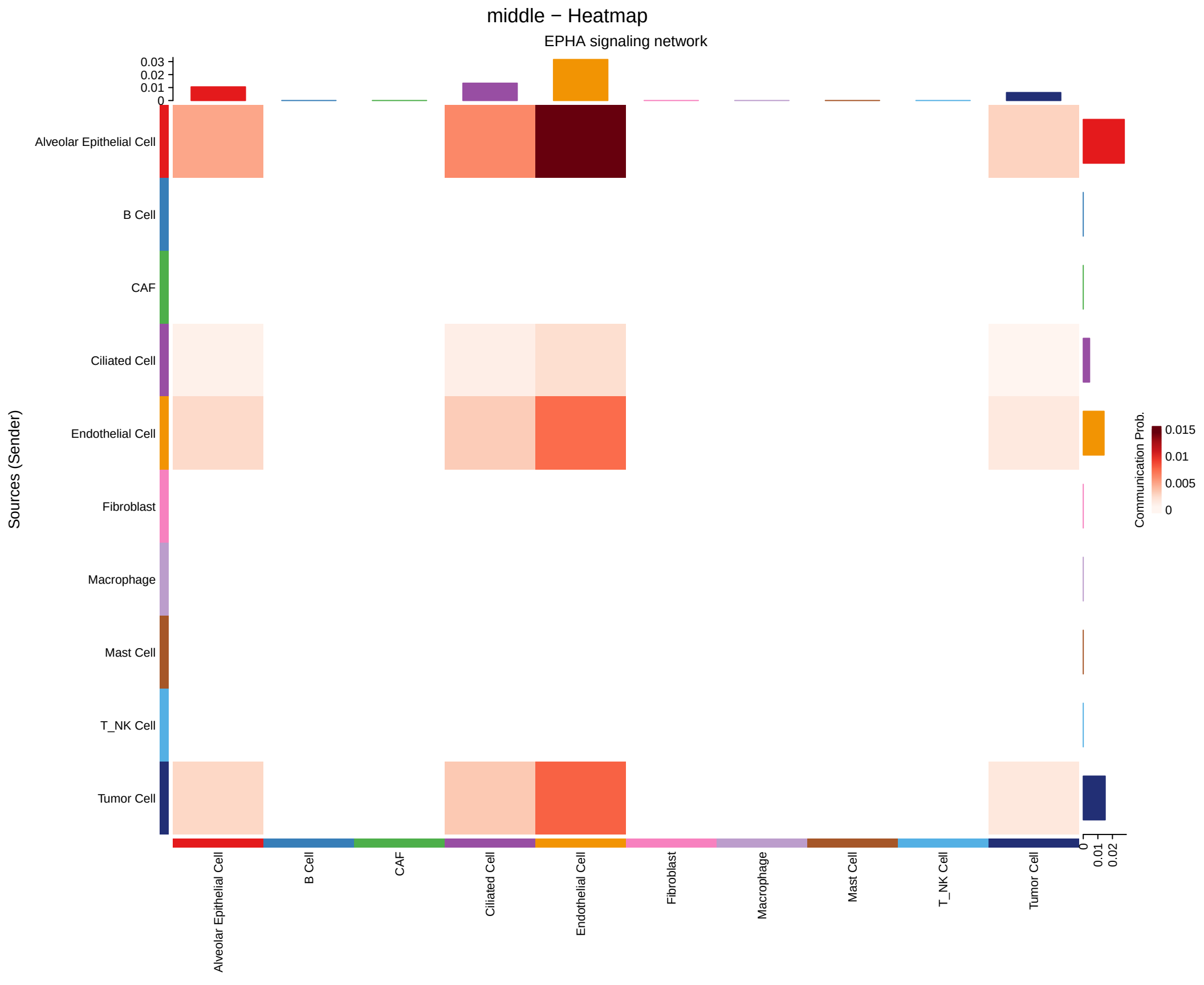

early − Heatmap
EPHA signaling network
0.006
0.004
0.002
0
Alveolar Epithelial Cell
B Cell
CAF
Ciliated Cell
Endothelial Cell
Fibroblast
Macrophage
Mast Cell
T_NK Cell
Tumor Cell
Sources (Sender)
Communication Prob.
0.004
0.003
0.002
0.001
0
0
0.002
0.004
0.006

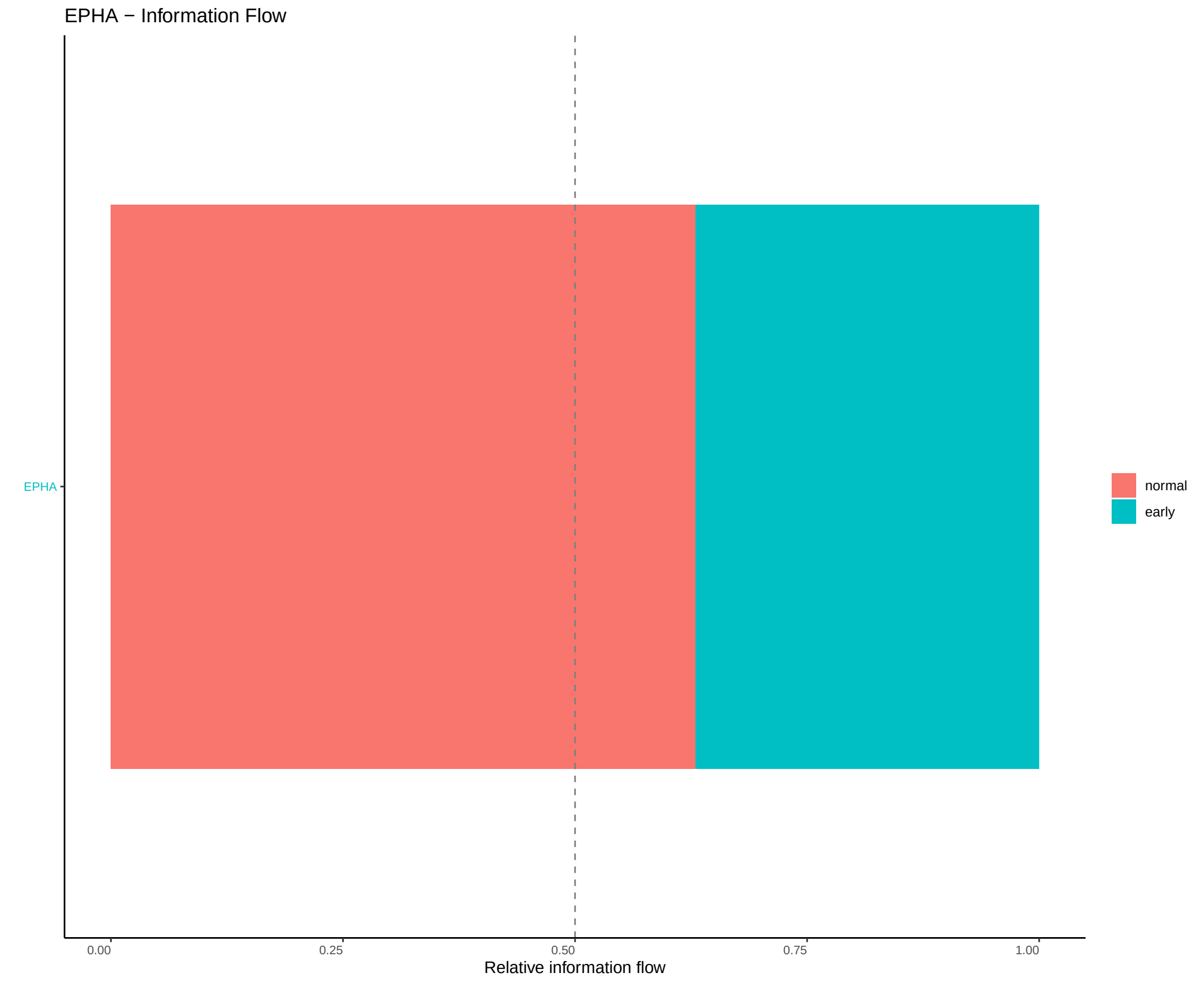
middle − Circle



middle − Chord




middle − Heatmap
EPHA signaling network
0.03
0.02
0.01
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


EPHA − Information Flow
EPHA
normal
early
0.00
0.25
0.50
0.75
1.00
Relative information flow