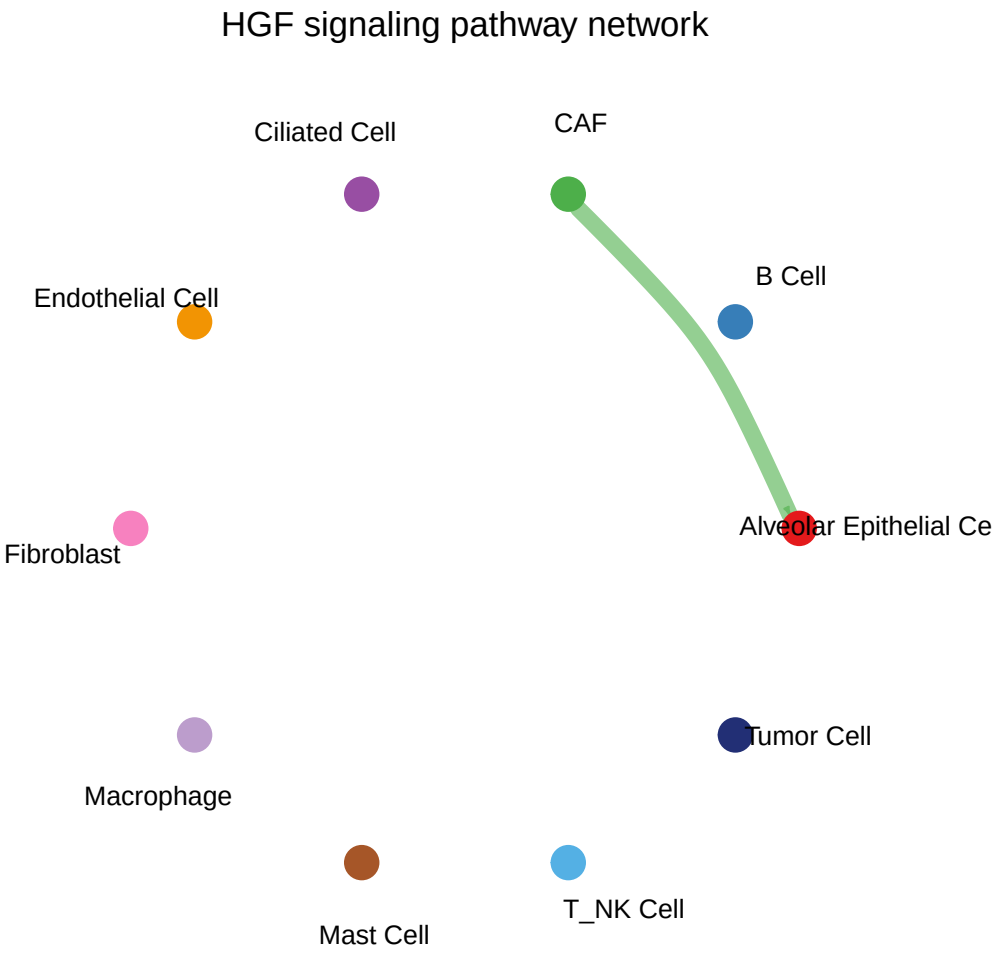
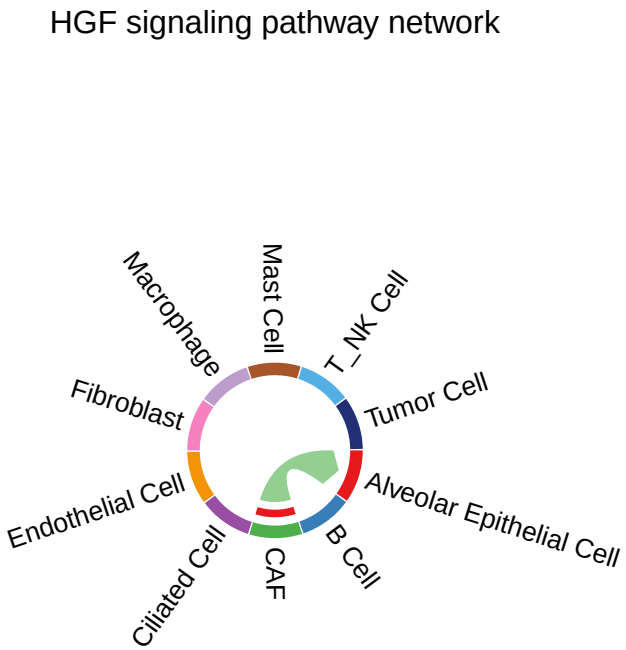
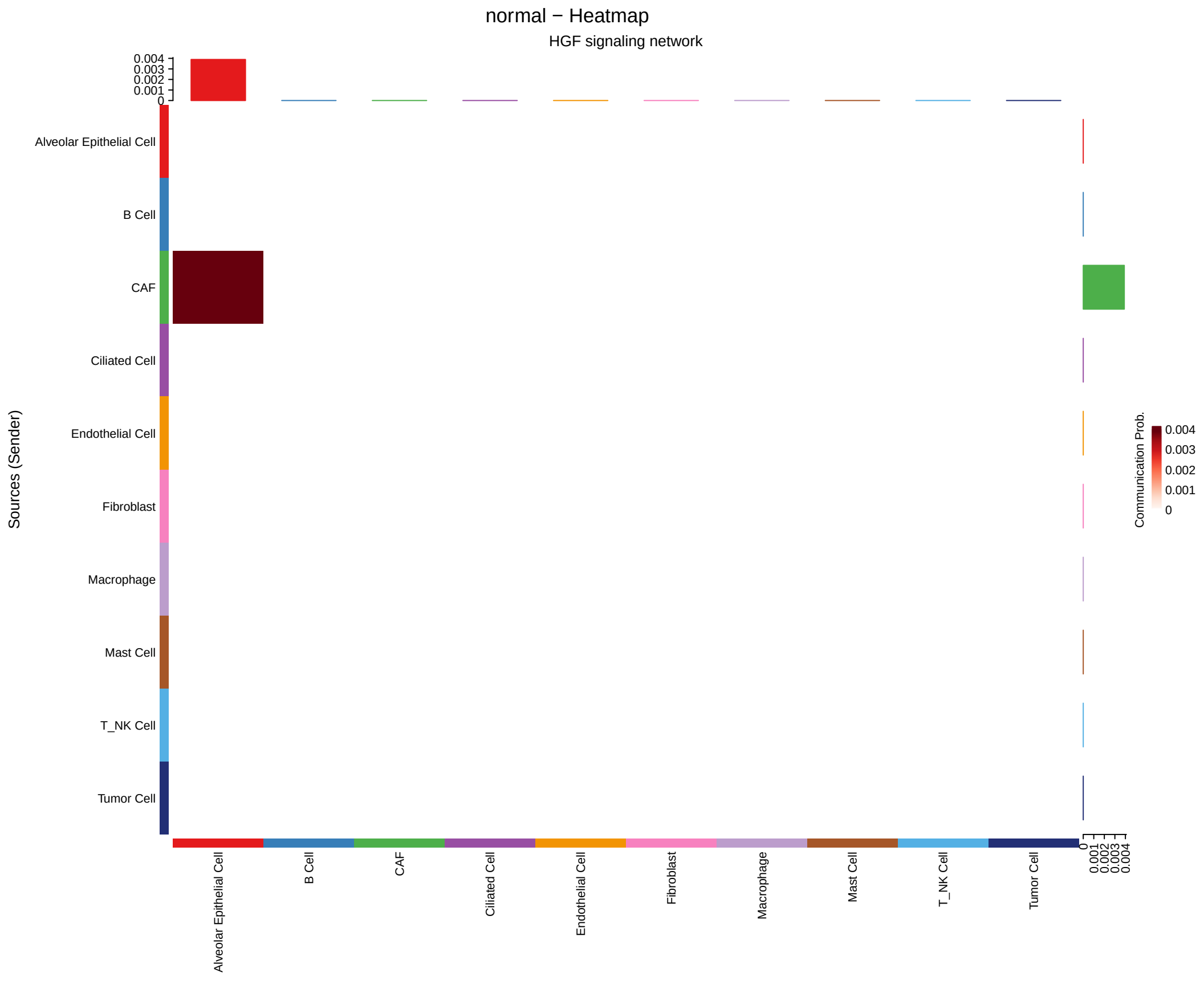
normal − Circle

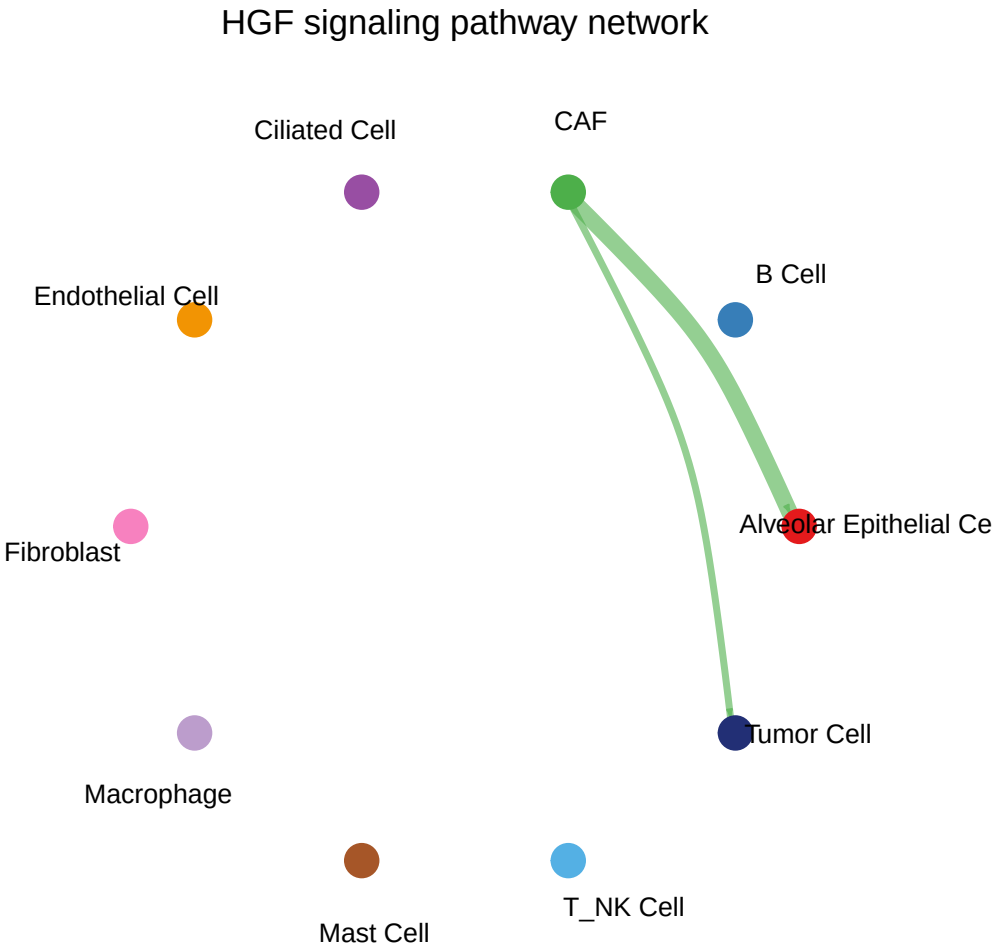


normal − Chord

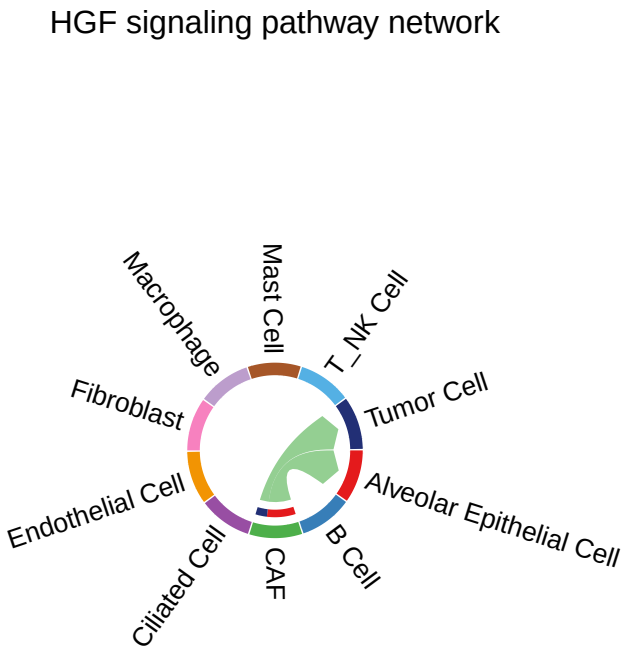


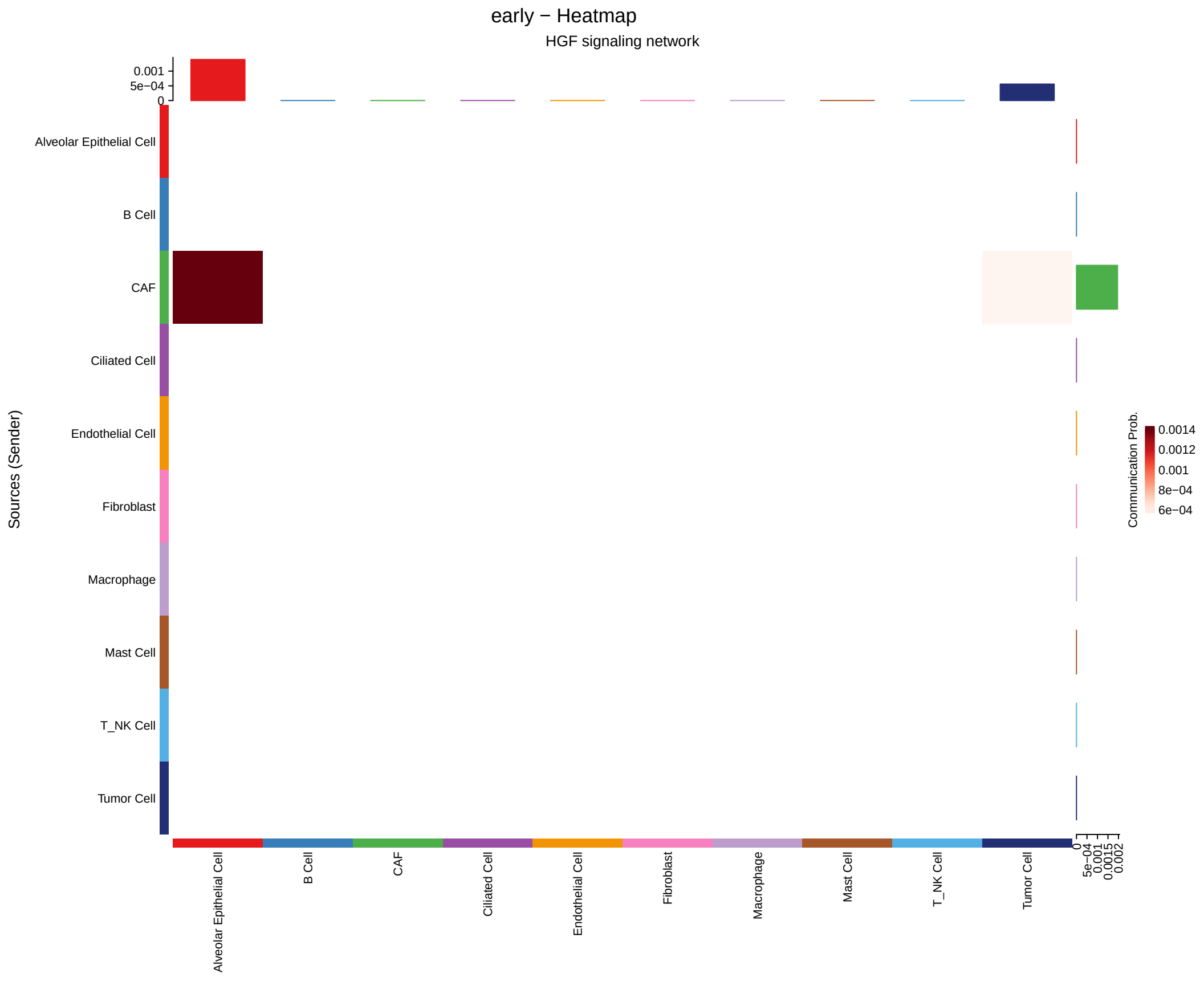

normal − Heatmap
HGF signaling network
0.004
0.003
0.002
0.001
0
Alveolar Epithelial Cell
B Cell
CAF
Ciliated Cell
Endothelial Cell
Fibroblast
Macrophage
Mast Cell
T_NK Cell
Tumor Cell
Sources (Sender)
Communication Prob.
0.004
0.003
0.002
0.001
0

early − Circle

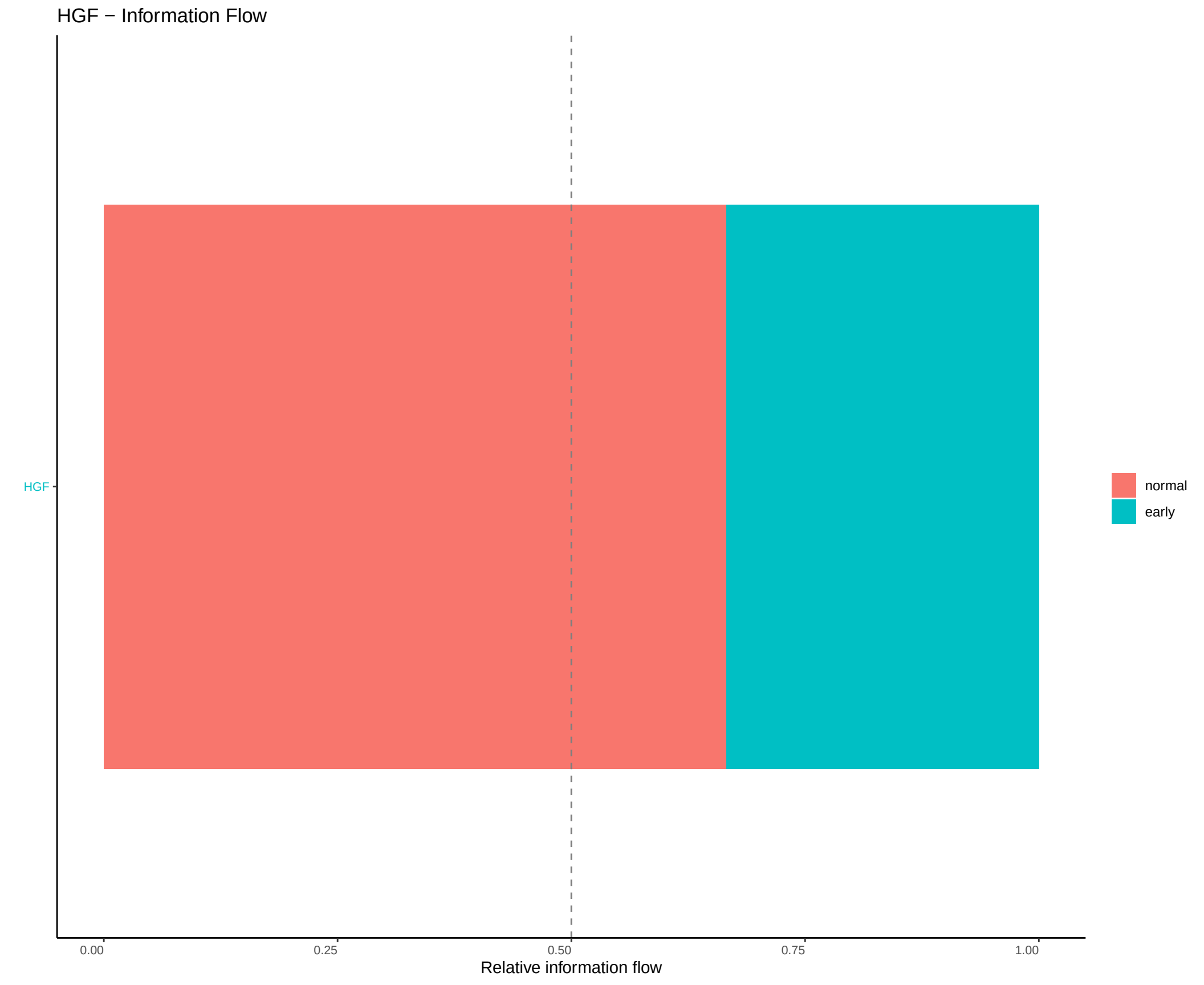


early − Chord




early − Heatmap
HGF signaling network
0.001
5e−04
0
Alveolar Epithelial Cell
B Cell
CAF
Ciliated Cell
Endothelial Cell
Fibroblast
Macrophage
Mast Cell
T_NK Cell
Tumor Cell
Sources (Sender)
Communication Prob.
0.0014
0.0012
0.001
8e−04
6e−04
0
5e−04
0.001
0.0015
0.002

middle: No signaling


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