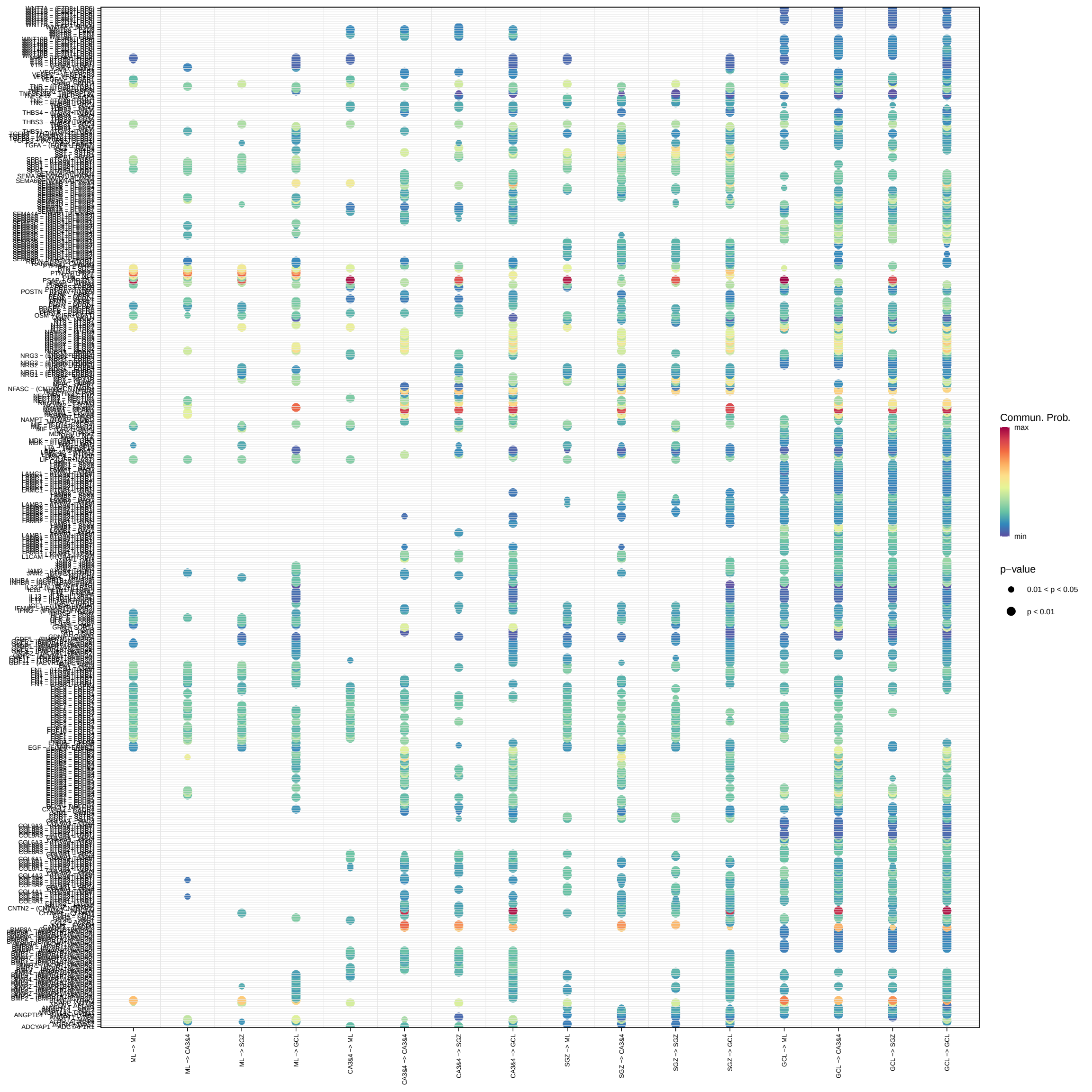
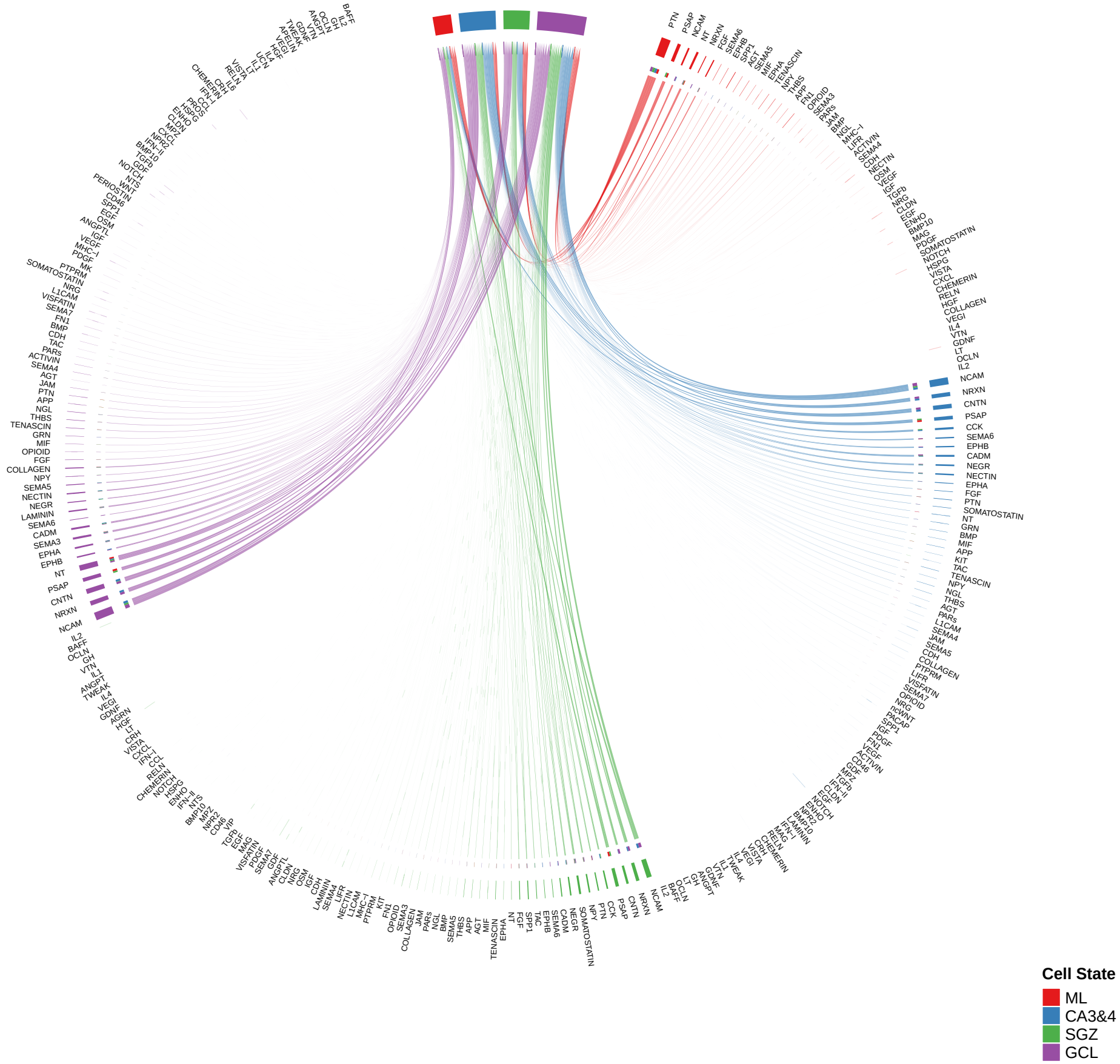
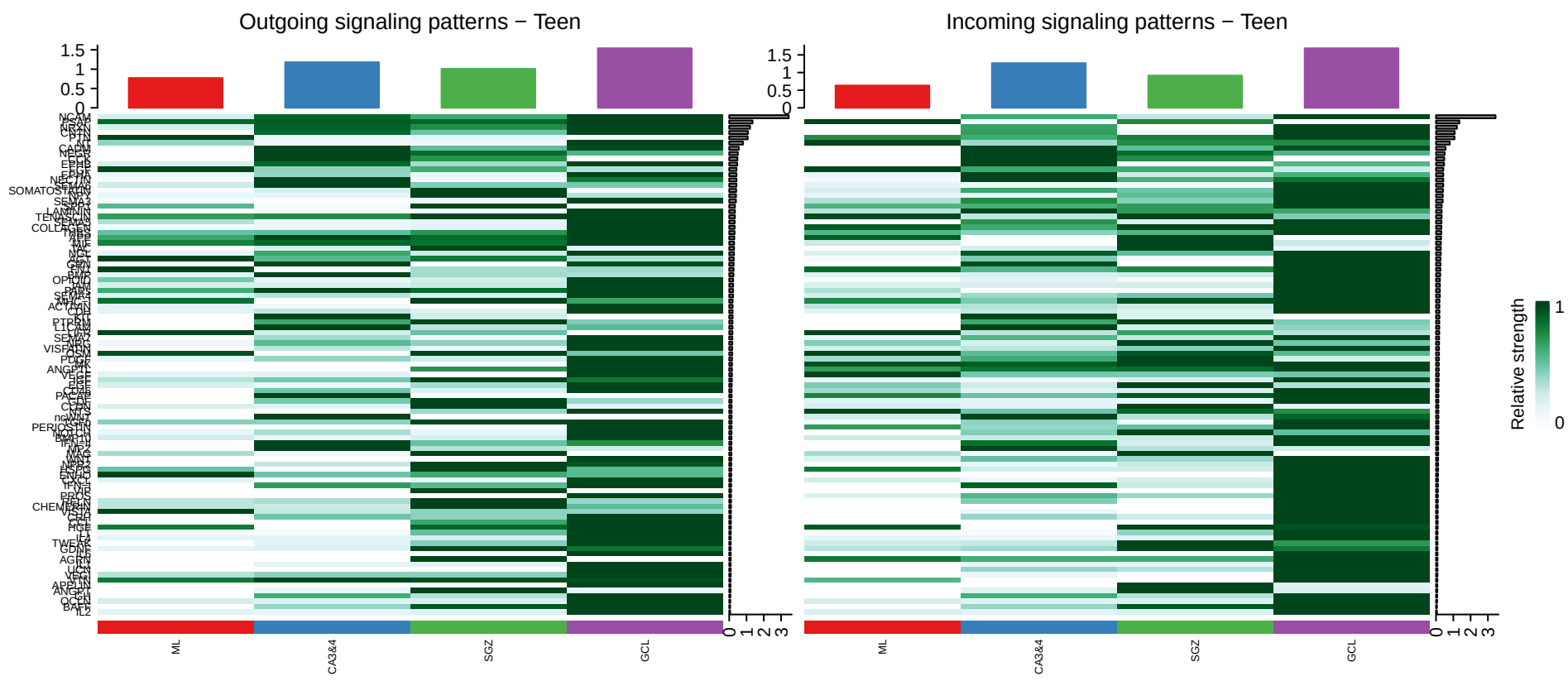
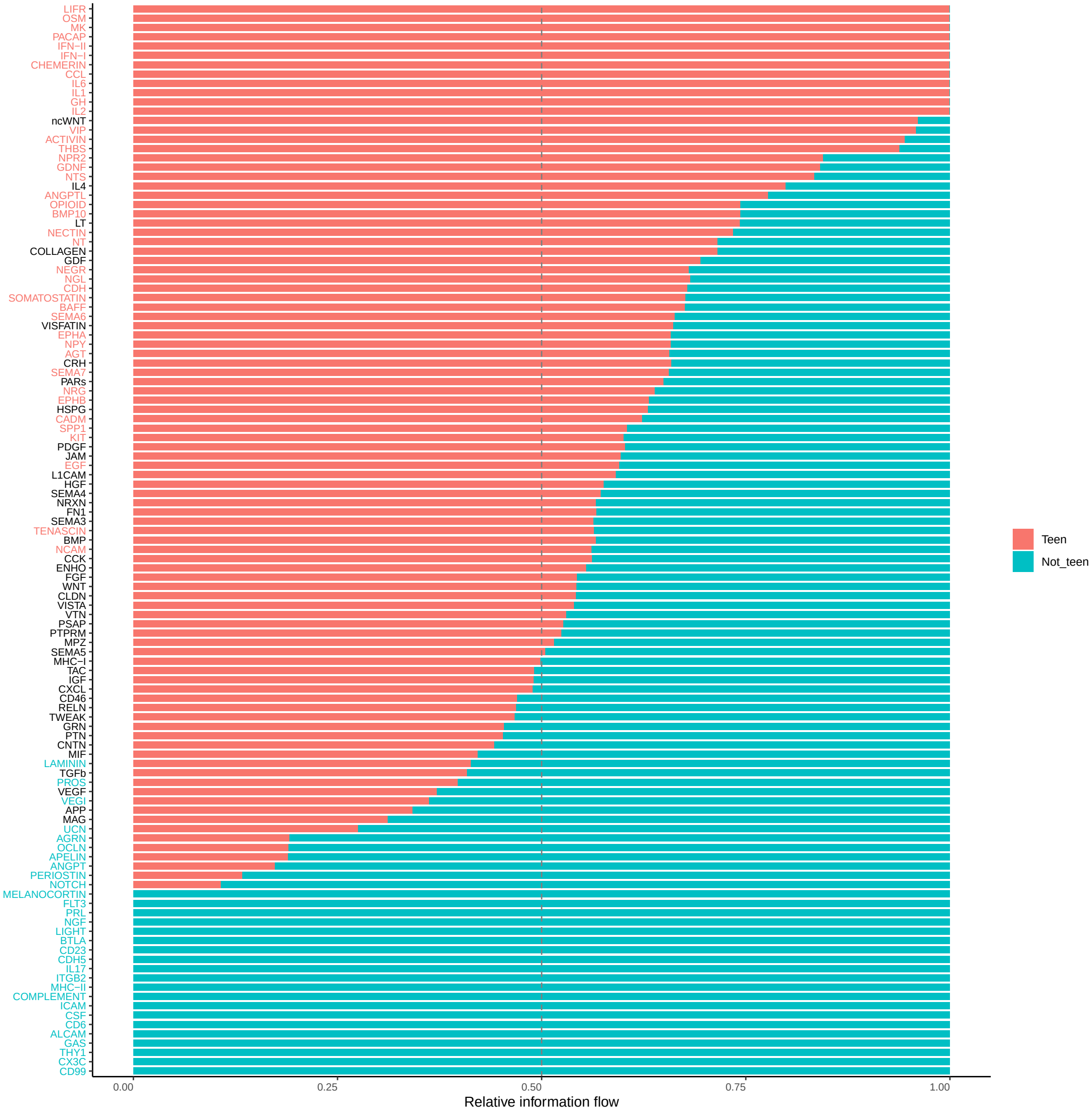
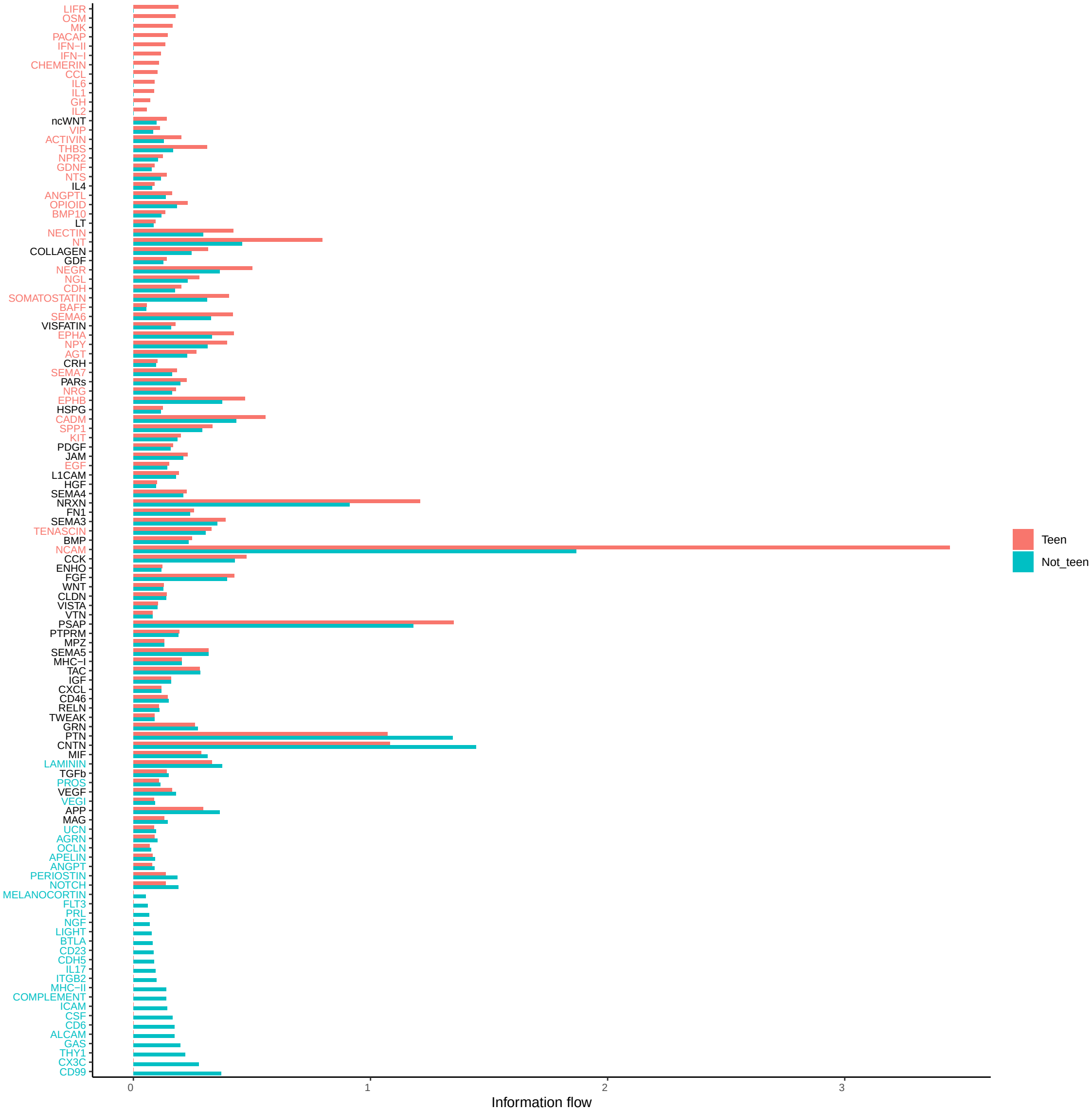

Commun. Prob.
max
min
p−value
0.01 < p < 0.05
p < 0.01
ML −> ML
ML −> CA3&4
ML −> SGZ
ML −> GCL
CA3&4 −> ML
CA3&4 −> CA3&4
CA3&4 −> SGZ
CA3&4 −> GCL
SGZ −> ML
SGZ −> CA3&4
SGZ −> SGZ
SGZ −> GCL
GCL −> ML
GCL −> CA3&4
GCL −> SGZ
GCL −> GCL


Cell State
ML
CA3&4
SGZ
GCL


Outgoing signaling patterns − Teen
Incoming signaling patterns − Teen
1.5
1
0.5
0
ML
CA3&4
SGZ
GCL
0
1
2
3
Relative strength
1
0


LIFR
OSM
MK
PACAP
IFN−II
IFN−I
CHEMERIN
CCL
IL6
IL1
GH
IL2
ncWNT
VIP
ACTIVIN
THBS
NPR2
GDNF
NTS
IL4
ANGPTL
OPIOID
BMP10
LT
NECTIN
NT
COLLAGEN
GDF
NEGR
NGL
CDH
SOMATOSTATIN
BAFF
SEMA6
VISFATIN
EPHA
NPY
AGT
CRH
SEMA7
PARs
NRG
EPHB
HSPG
CADM
SPP1
KIT
PDGF
JAM
EGF
L1CAM
HGF
SEMA4
NRXN
FN1
SEMA3
TENASCIN
BMP
NCAM
CCK
ENHO
FGF
WNT
CLDN
VISTA
VTN
PSAP
PTPRM
MPZ
SEMA5
MHC−I
TAC
IGF
CXCL
CD46
RELN
TWEAK
GRN
PTN
CNTN
MIF
LAMININ
TGFb
PROS
VEGF
VEGI
APP
MAG
UCN
AGRN
OCLN
APELIN
ANGPT
PERIOSTIN
NOTCH
MELANOCORTIN
FLT3
PRL
NGF
LIGHT
BTLA
CD23
CDH5
IL17
ITGB2
MHC−II
COMPLEMENT
ICAM
CSF
CD6
ALCAM
GAS
THY1
CX3C
CD99
0.00
0.25
0.50
0.75
1.00
Relative information flow
Teen
Not_teen


LIFR
OSM
MK
PACAP
IFN−II
IFN−I
CHEMERIN
CCL
IL6
IL1
GH
IL2
ncWNT
VIP
ACTIVIN
THBS
NPR2
GDNF
NTS
IL4
ANGPTL
OPIOID
BMP10
LT
NECTIN
NT
COLLAGEN
GDF
NEGR
NGL
CDH
SOMATOSTATIN
BAFF
SEMA6
VISFATIN
EPHA
NPY
AGT
CRH
SEMA7
PARs
NRG
EPHB
HSPG
CADM
SPP1
KIT
PDGF
JAM
EGF
L1CAM
HGF
SEMA4
NRXN
FN1
SEMA3
TENASCIN
BMP
NCAM
CCK
ENHO
FGF
WNT
CLDN
VISTA
VTN
PSAP
PTPRM
MPZ
SEMA5
MHC−I
TAC
IGF
CXCL
CD46
RELN
TWEAK
GRN
PTN
CNTN
MIF
LAMININ
TGFb
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VEGI
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ITGB2
MHC−II
COMPLEMENT
ICAM
CSF
CD6
ALCAM
GAS
THY1
CX3C
CD99
0
1
2
3
Information flow
Teen
Not_teen