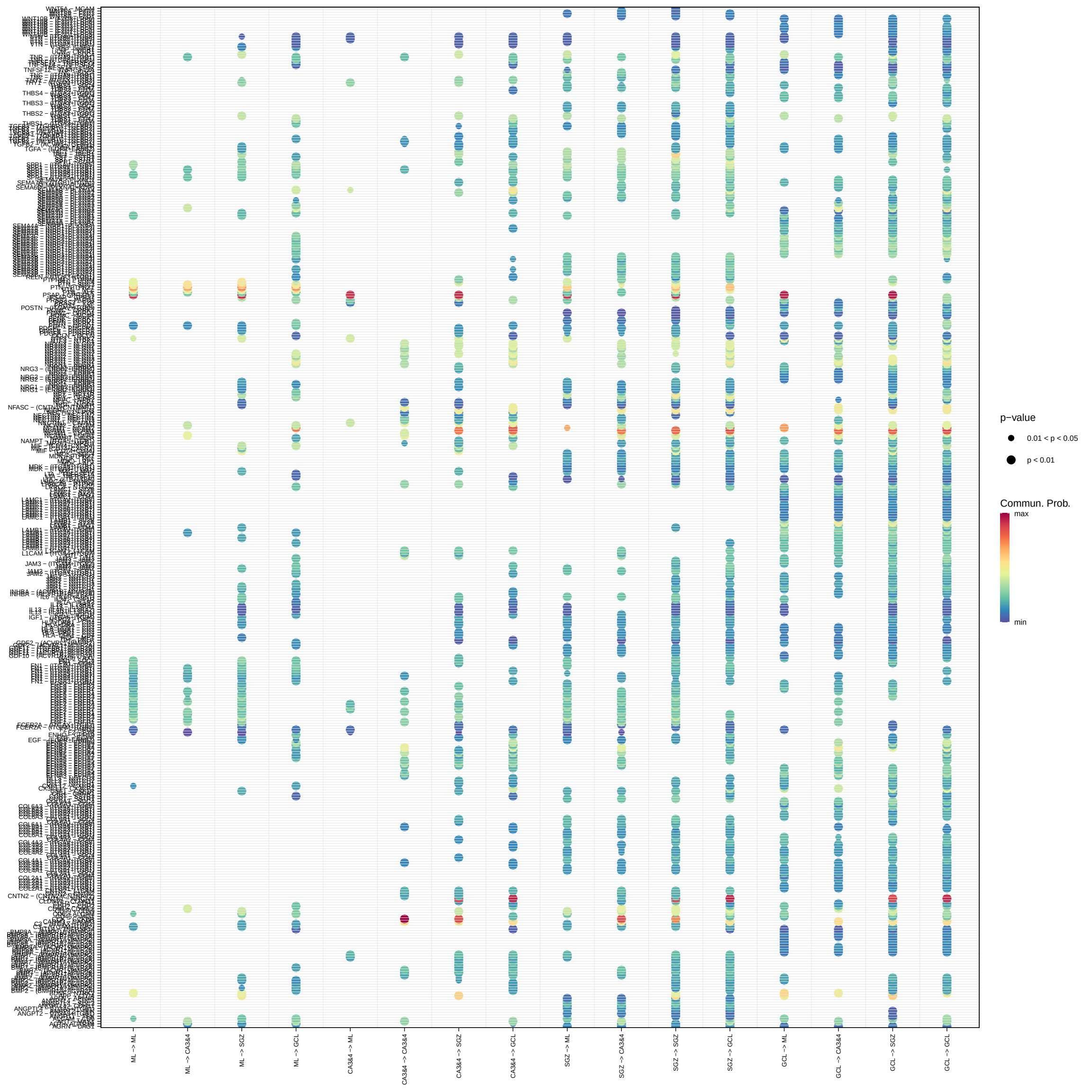
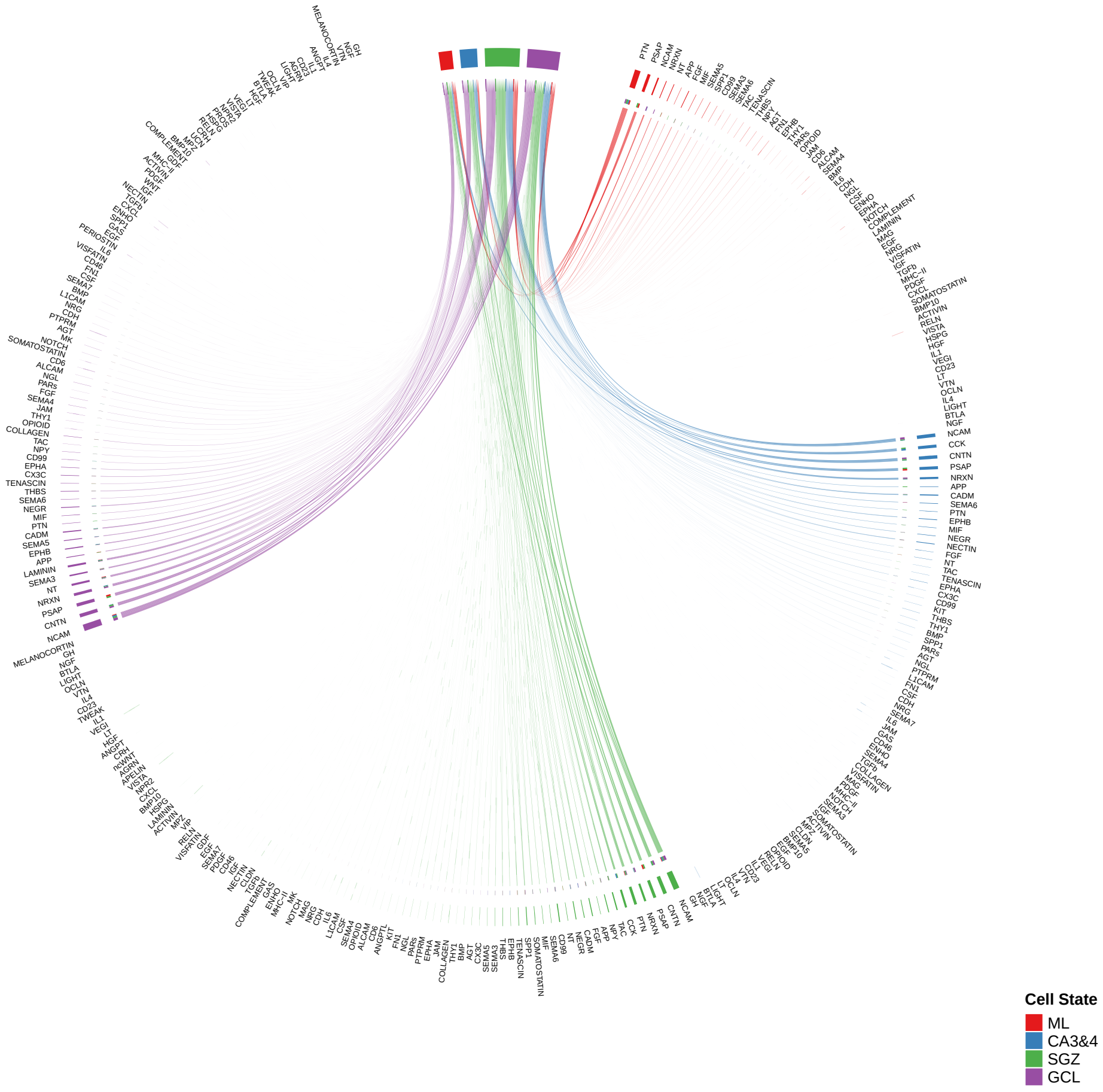
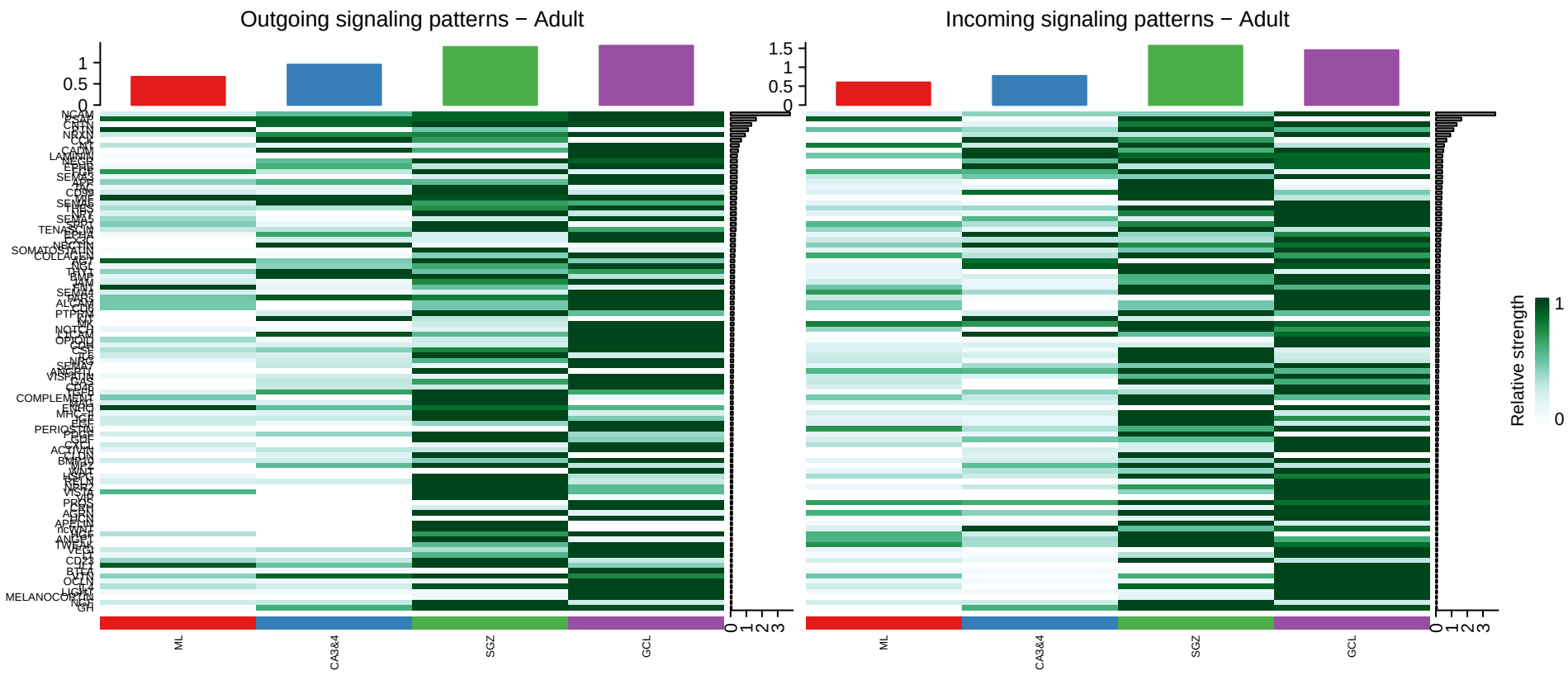
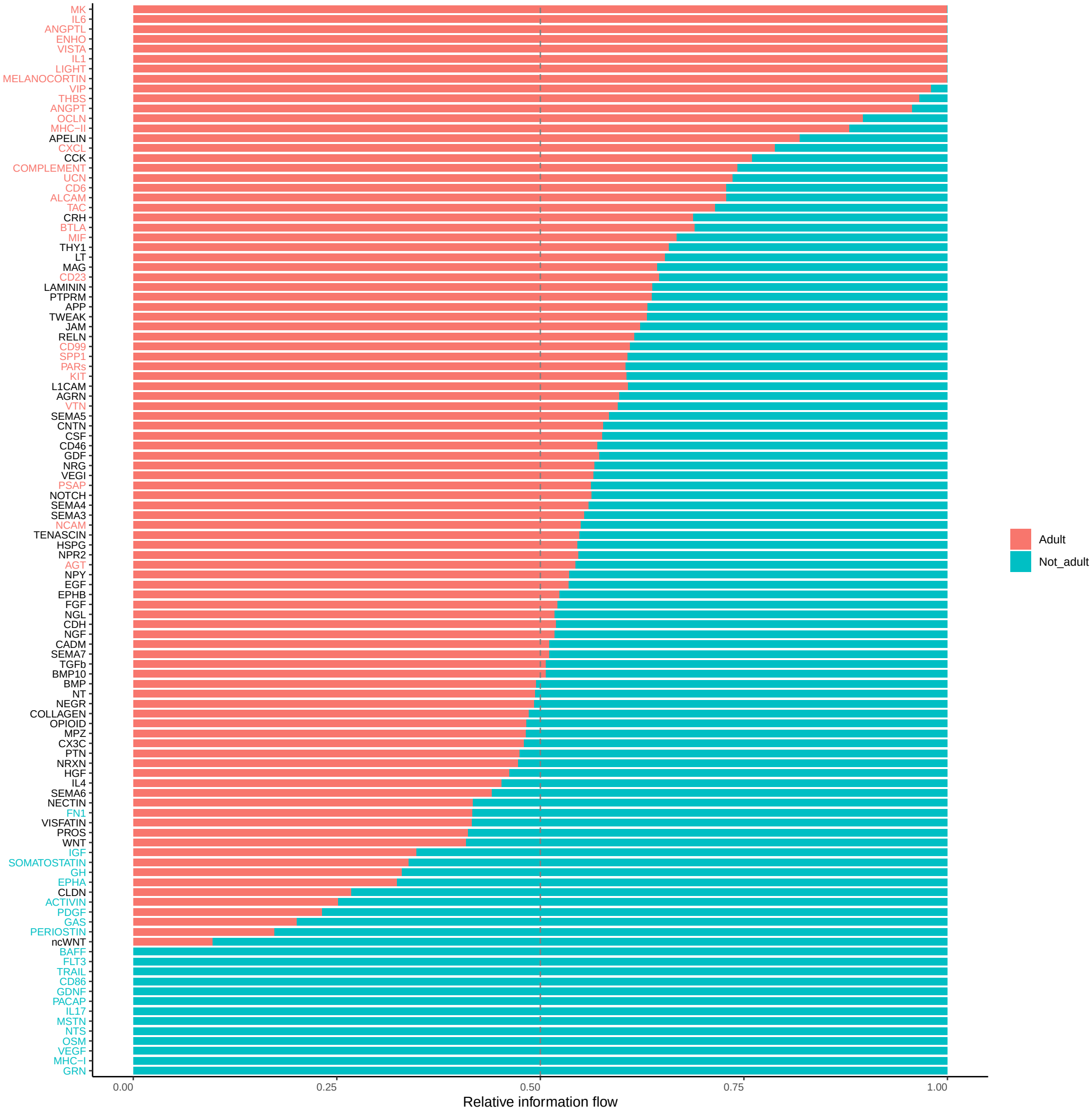
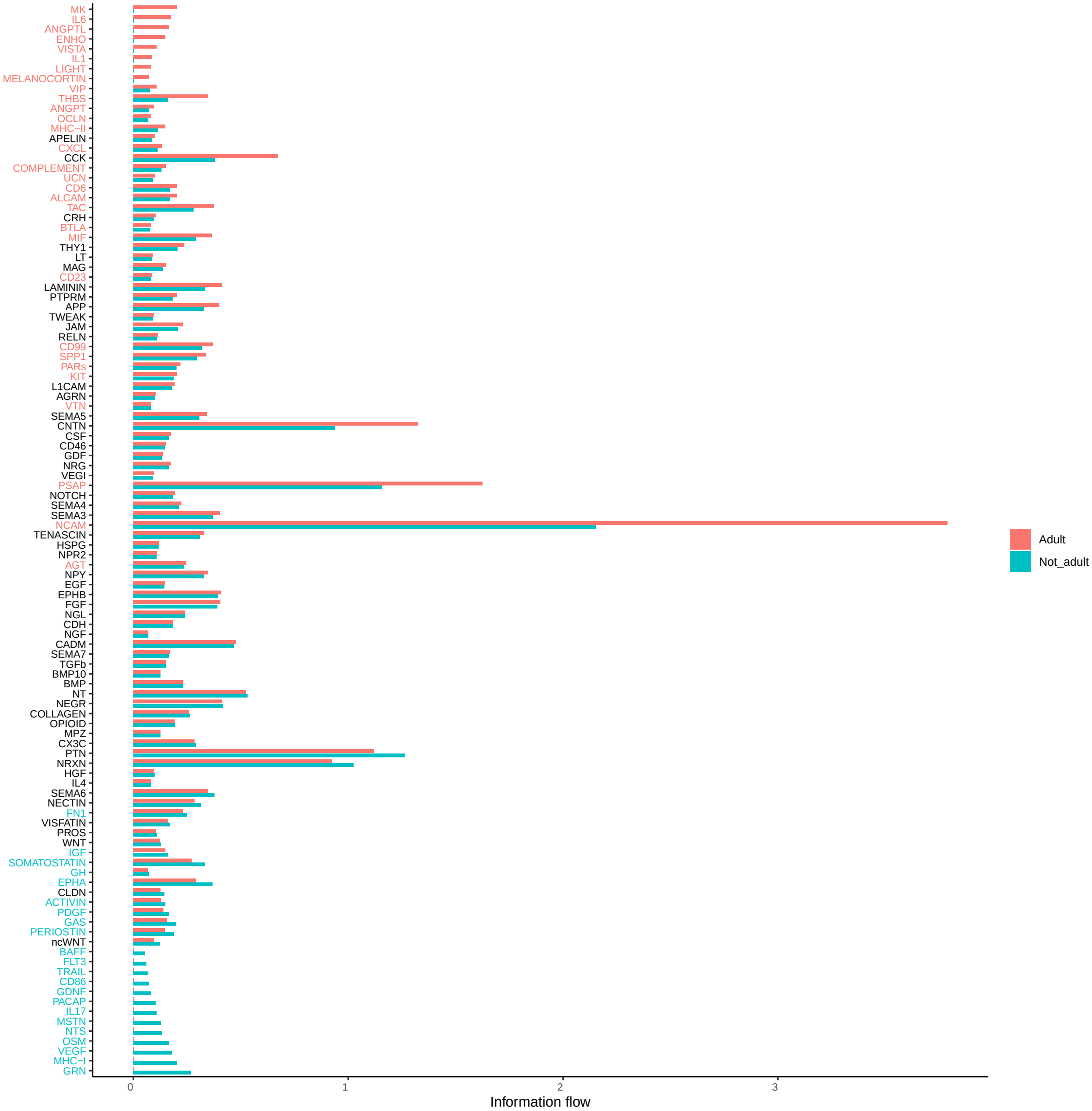

ML -> ML
ML -> CA3&4
ML -> SGZ
ML -> GCL
CA3&4 -> ML
CA3&4 -> CA3&4
CA3&4 -> SGZ
CA3&4 -> GCL
SGZ -> ML
SGZ -> CA3&4
SGZ -> SGZ
SGZ -> GCL
GCL -> ML
GCL -> CA3&4
GCL -> SGZ
GCL -> GCL
p−value
0.01 < p < 0.05
p < 0.01
Commun. Prob.
max
min


Cell State
ML
CA3&4
SGZ
GCL


Outgoing signaling patterns − Adult
Incoming signaling patterns − Adult
ML
CA3&4
SGZ
GCL
Relative strength


MK
IL6
ANGPTL
ENHO
VISTA
IL1
LIGHT
MELANOCORTIN
VIP
THBS
ANGPT
OCLN
MHC−II
APELIN
CXCL
CCK
COMPLEMENT
UCN
CD6
ALCAM
TAC
CRH
BTLA
MIF
THY1
LT
MAG
CD23
LAMININ
PTPRM
APP
TWEAK
JAM
RELN
CD99
SPP1
PARs
KIT
L1CAM
AGRN
VTN
SEMA5
CNTN
CSF
CD46
GDF
NRG
VEGI
PSAP
NOTCH
SEMA4
SEMA3
NCAM
TENASCIN
HSPG
NPR2
AGT
NPY
EGF
EPHB
FGF
NGL
CDH
NGF
CADM
SEMA7
TGFb
BMP10
BMP
NT
NEGR
COLLAGEN
OPIOID
MPZ
CX3C
PTN
NRXN
HGF
IL4
SEMA6
NECTIN
FN1
VISFATIN
PROS
WNT
IGF
SOMATOSTATIN
GH
EPHA
CLDN
ACTIVIN
PDGF
GAS
PERIOSTIN
ncWNT
BAFF
FLT3
TRAIL
CD86
GDNF
PACAP
IL17
MSTN
NTS
OSM
VEGF
MHC−I
GRN
0.00
0.25
0.50
0.75
1.00
Relative information flow
Adult
Not_adult


MK
IL6
ANGPTL
ENHO
VISTA
IL1
LIGHT
MELANOCORTIN
VIP
THBS
ANGPT
OCLN
MHC−II
APELIN
CXCL
CCK
COMPLEMENT
UCN
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CRH
BTLA
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CD23
LAMININ
PTPRM
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SEMA3
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HSPG
NPR2
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EPHB
FGF
NGL
CDH
NGF
CADM
SEMA7
TGFb
BMP10
BMP
NT
NEGR
COLLAGEN
OPIOID
MPZ
CX3C
PTN
NRXN
HGF
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EPHA
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ACTIVIN
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PERIOSTIN
ncWNT
BAFF
FLT3
TRAIL
CD86
GDNF
PACAP
IL17
MSTN
NTS
OSM
VEGF
MHC−I
GRN
0
1
2
3
Information flow
Adult
Not_adult