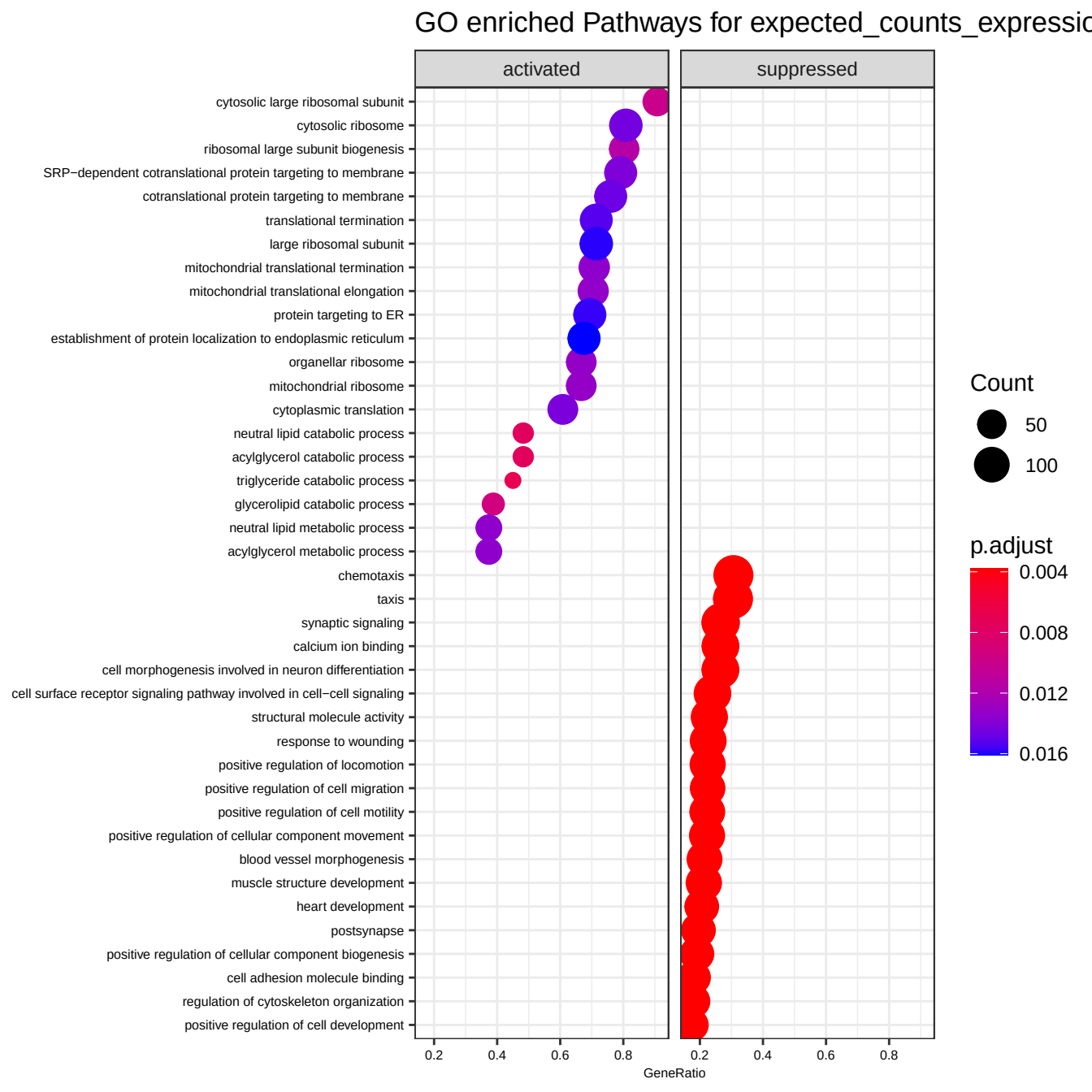
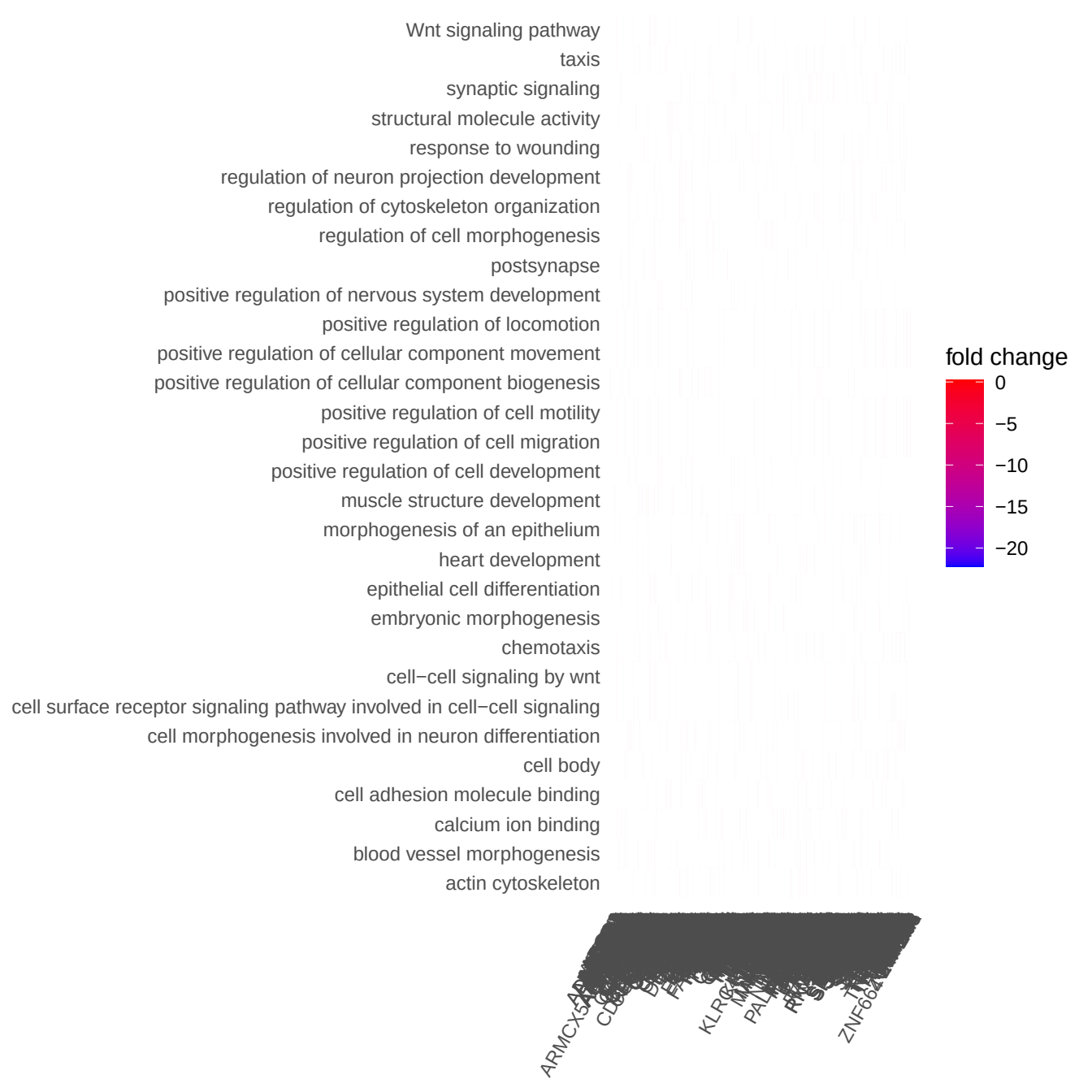
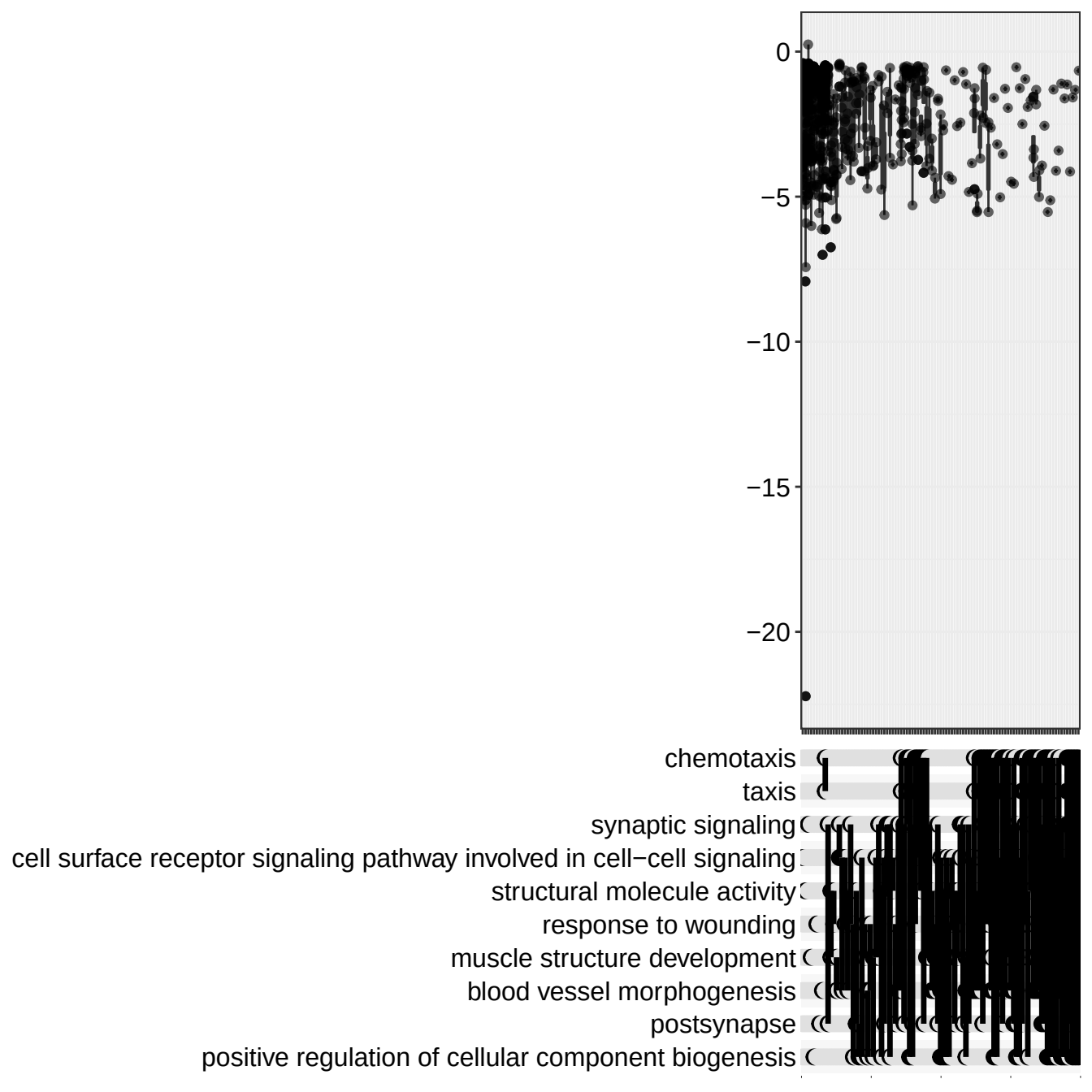
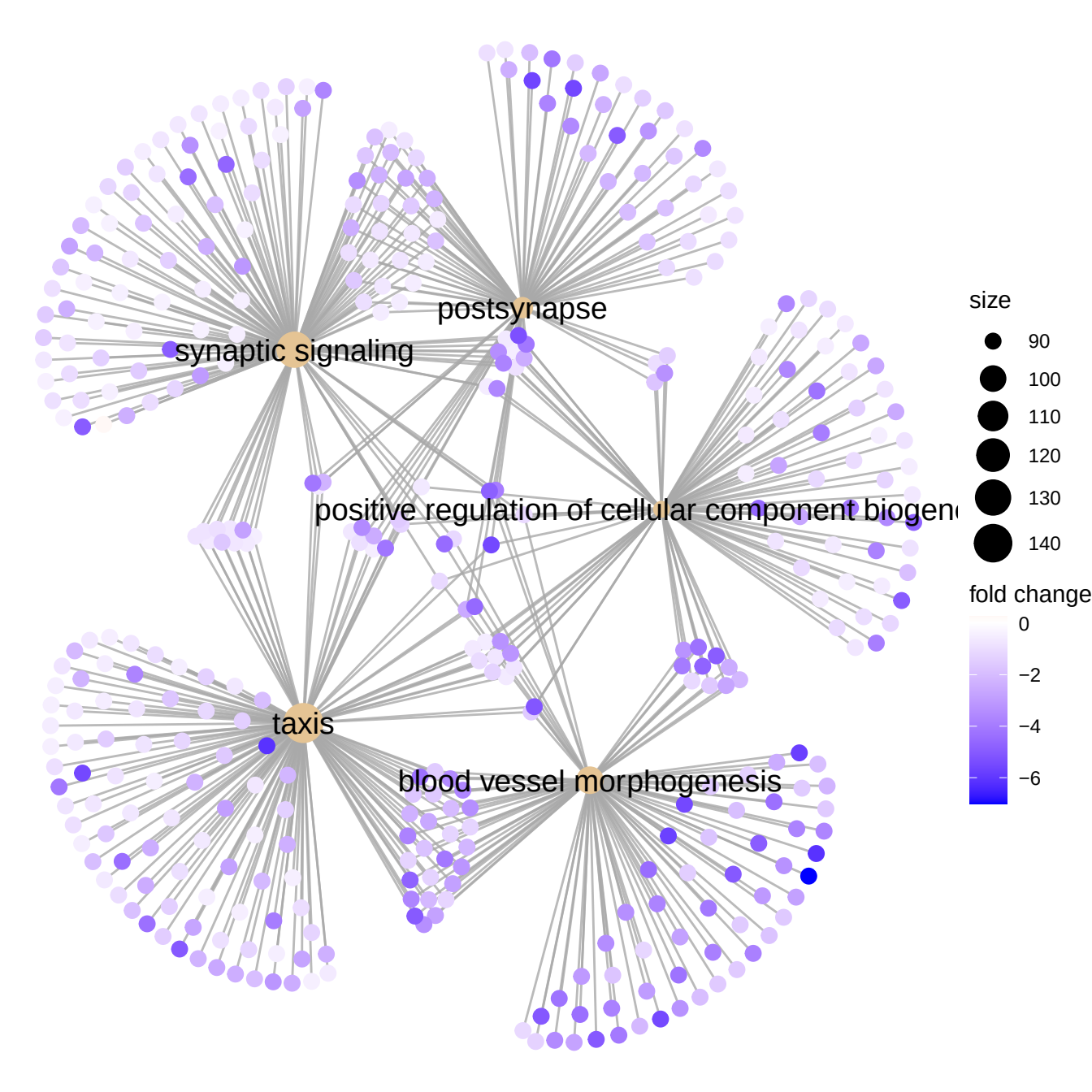
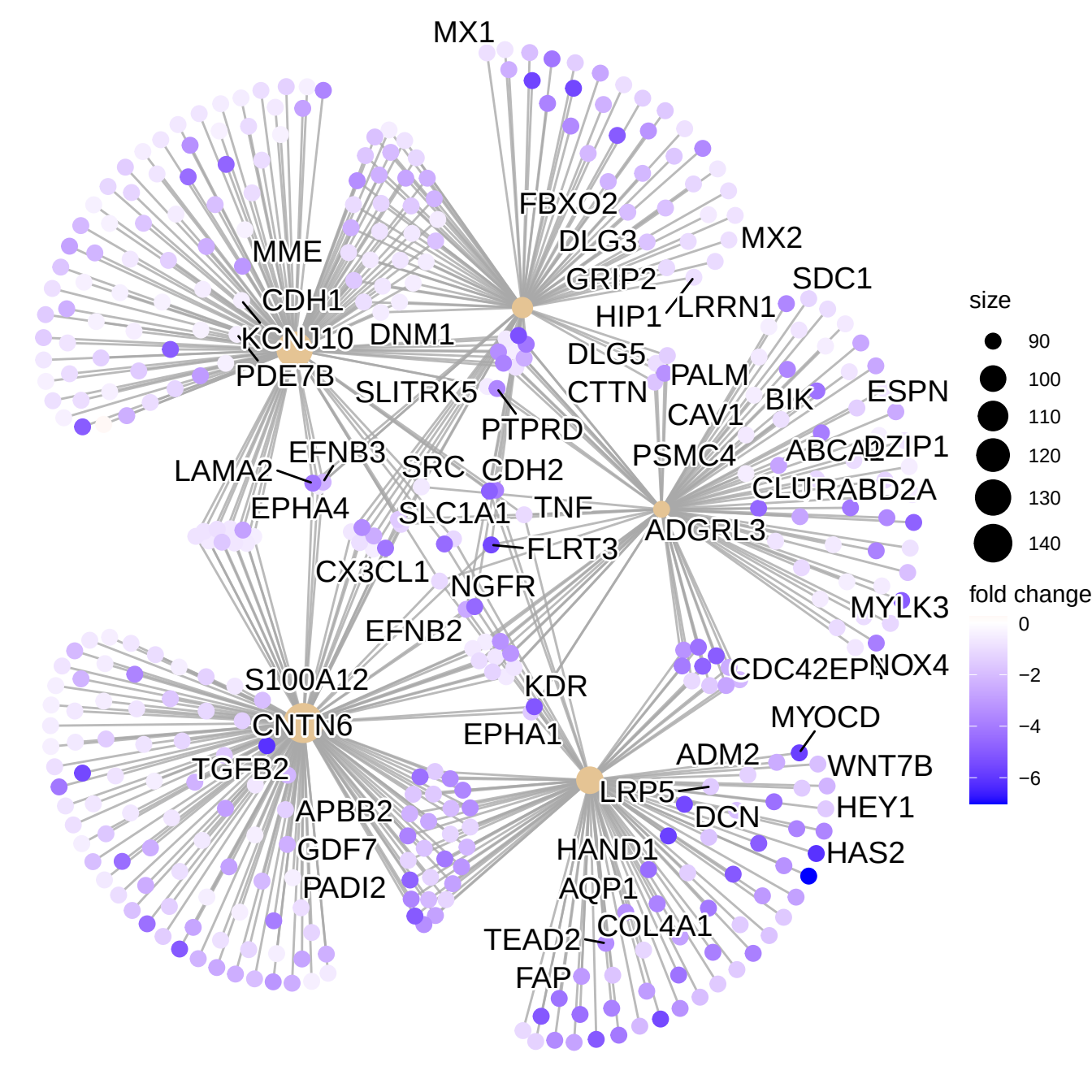
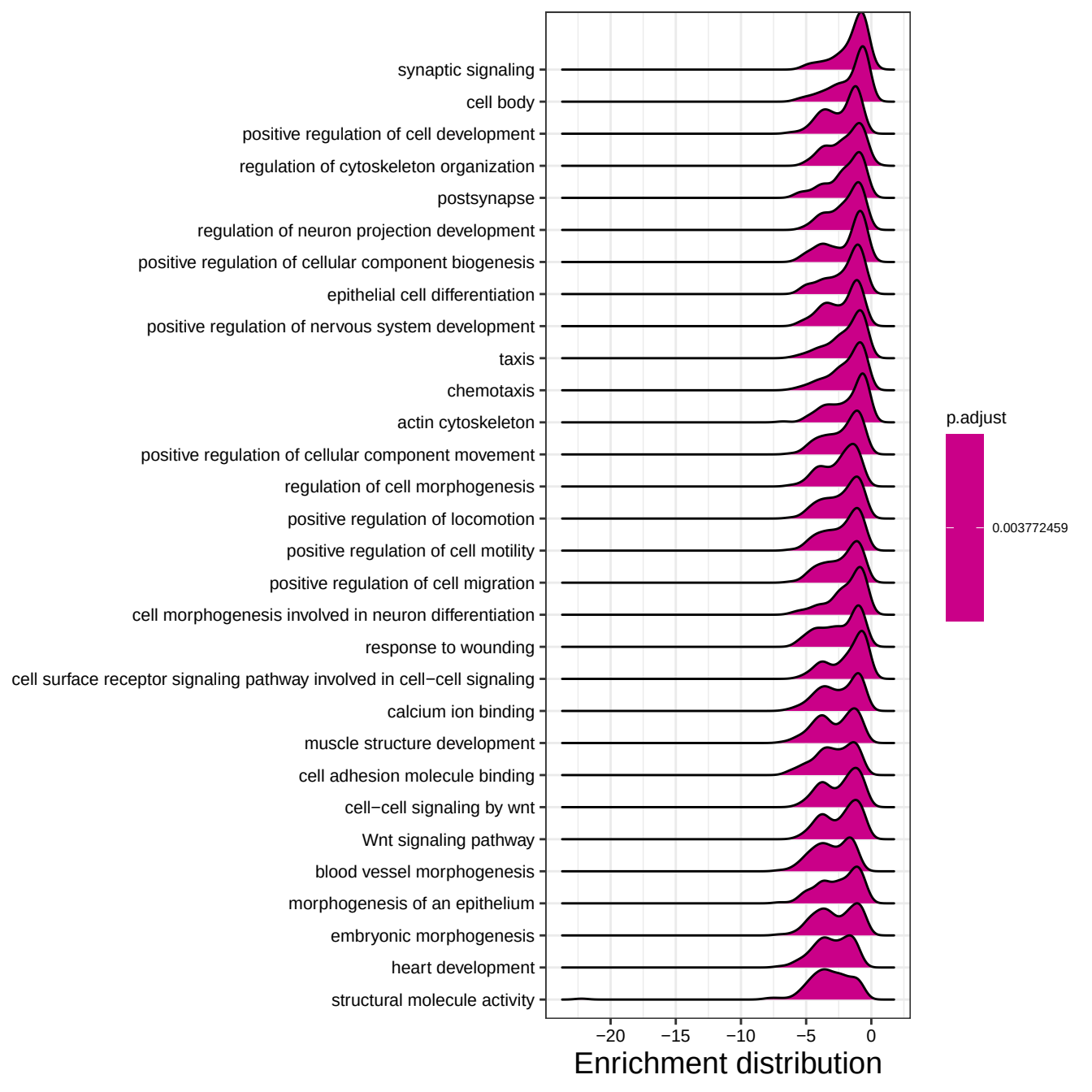

GO enriched Pathways for expected_counts_expressio
activated
suppressed
cytosolic large ribosomal subunit
cytosolic ribosome
ribosomal large subunit biogenesis
SRP−dependent cotranslational protein targeting to membrane
cotranslational protein targeting to membrane
translational termination
large ribosomal subunit
mitochondrial translational termination
mitochondrial translational elongation
protein targeting to ER
establishment of protein localization to endoplasmic reticulum
organellar ribosome
mitochondrial ribosome
cytoplasmic translation
neutral lipid catabolic process
acylglycerol catabolic process
triglyceride catabolic process
glycerolipid catabolic process
neutral lipid metabolic process
acylglycerol metabolic process
chemotaxis
taxis
synaptic signaling
calcium ion binding
cell morphogenesis involved in neuron differentiation
cell surface receptor signaling pathway involved in cell−cell signaling
structural molecule activity
response to wounding
positive regulation of locomotion
positive regulation of cell migration
positive regulation of cell motility
positive regulation of cellular component movement
blood vessel morphogenesis
muscle structure development
heart development
postsynapse
positive regulation of cellular component biogenesis
cell adhesion molecule binding
regulation of cytoskeleton organization
positive regulation of cell development
0.2
0.4
0.6
0.8
GeneRatio
Count
50
100
p.adjust
0.004
0.008
0.012
0.016


Wnt signaling pathway
taxis
synaptic signaling
structural molecule activity
response to wounding
regulation of neuron projection development
regulation of cytoskeleton organization
regulation of cell morphogenesis
postsynapse
positive regulation of nervous system development
positive regulation of locomotion
positive regulation of cellular component movement
positive regulation of cellular component biogenesis
positive regulation of cell motility
positive regulation of cell migration
positive regulation of cell development
muscle structure development
morphogenesis of an epithelium
heart development
epithelial cell differentiation
embryonic morphogenesis
chemotaxis
cell−cell signaling by wnt
cell surface receptor signaling pathway involved in cell−cell signaling
cell morphogenesis involved in neuron differentiation
cell body
cell adhesion molecule binding
calcium ion binding
blood vessel morphogenesis
actin cytoskeleton
fold change
0
−5
−10
−15
−20
ARMCX5
KLRG1
ZNF664


0
−5
−10
−15
−20
chemotaxis
taxis
synaptic signaling
cell surface receptor signaling pathway involved in cell−cell signaling
structural molecule activity
response to wounding
muscle structure development
blood vessel morphogenesis
postsynapse
positive regulation of cellular component biogenesis


postsynapse
synaptic signaling
positive regulation of cellular component biogen
taxis
blood vessel morphogenesis
size
90
100
110
120
130
140
fold change
0
−2
−4
−6


MX1
FBXO2
DLG3
MX2
GRIP2
SDC1
HIP1
LRRN1
MME
CDH1
KCNJ10
DNM1
DLG5
PDE7B
PALM
SLITRK5
CTTN
BIK
ESPN
CAV1
PTPRD
EFNB3
PSMC4
ABCA12
DZIP1
LAMA2
SRC
CDH2
CLURABD2A
EPHA4
SLC1A1
TNF
ADGRL3
FLRT3
CX3CL1
NGFR
MYLK3
EFNB2
CDC42EP1
NOX4
S100A12
KDR
CNTN6
EPHA1
MYOCD
ADM2
TGFB2
WNT7B
LRP5
HEY1
APBB2
DCN
GDF7
HAND1
HAS2
PADI2
AQP1
COL4A1
TEAD2
FAP
size
90
100
110
120
130
140
fold change
0
−2
−4
−6


synaptic signaling
cell body
positive regulation of cell development
regulation of cytoskeleton organization
postsynapse
regulation of neuron projection development
positive regulation of cellular component biogenesis
epithelial cell differentiation
positive regulation of nervous system development
taxis
chemotaxis
actin cytoskeleton
positive regulation of cellular component movement
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positive regulation of cell motility
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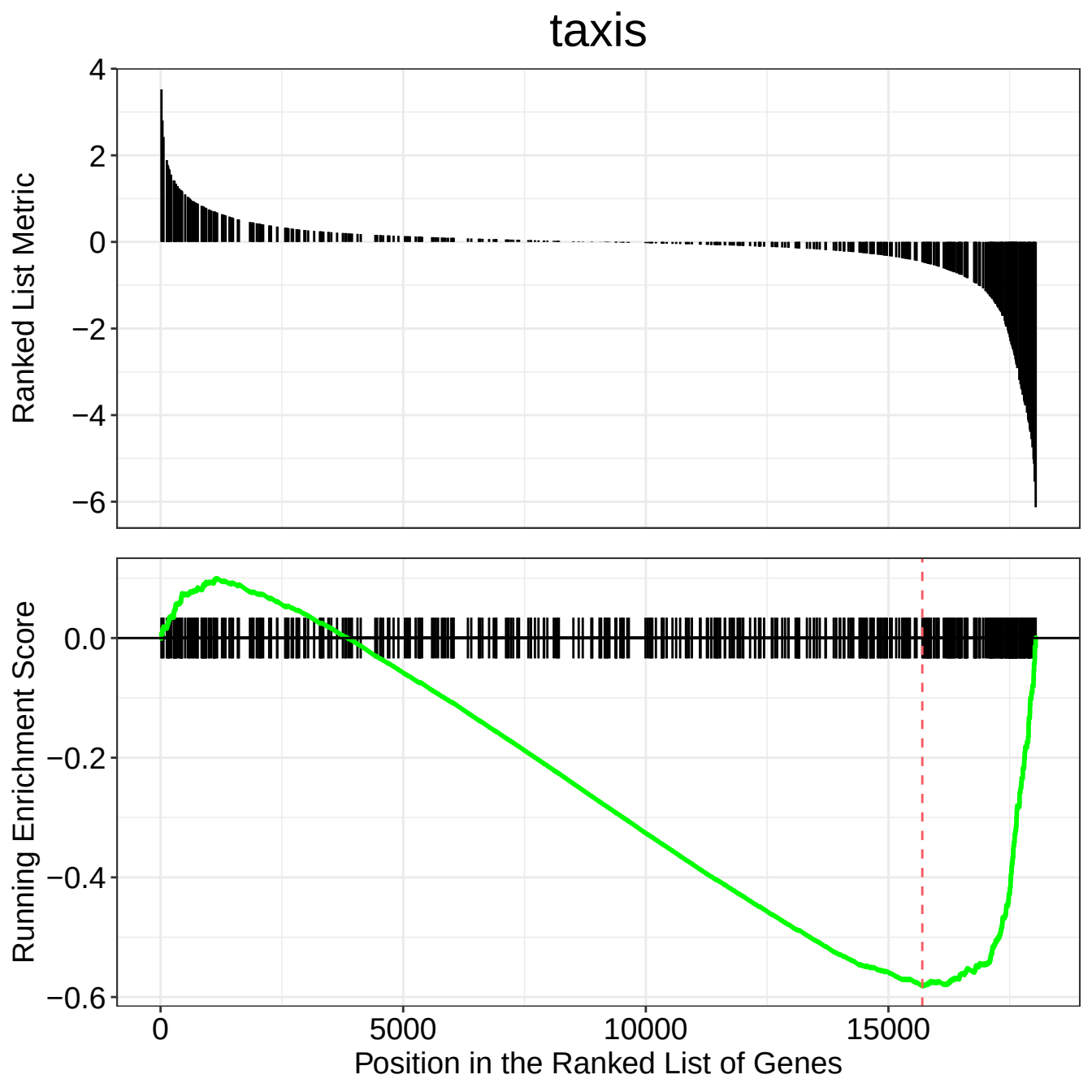
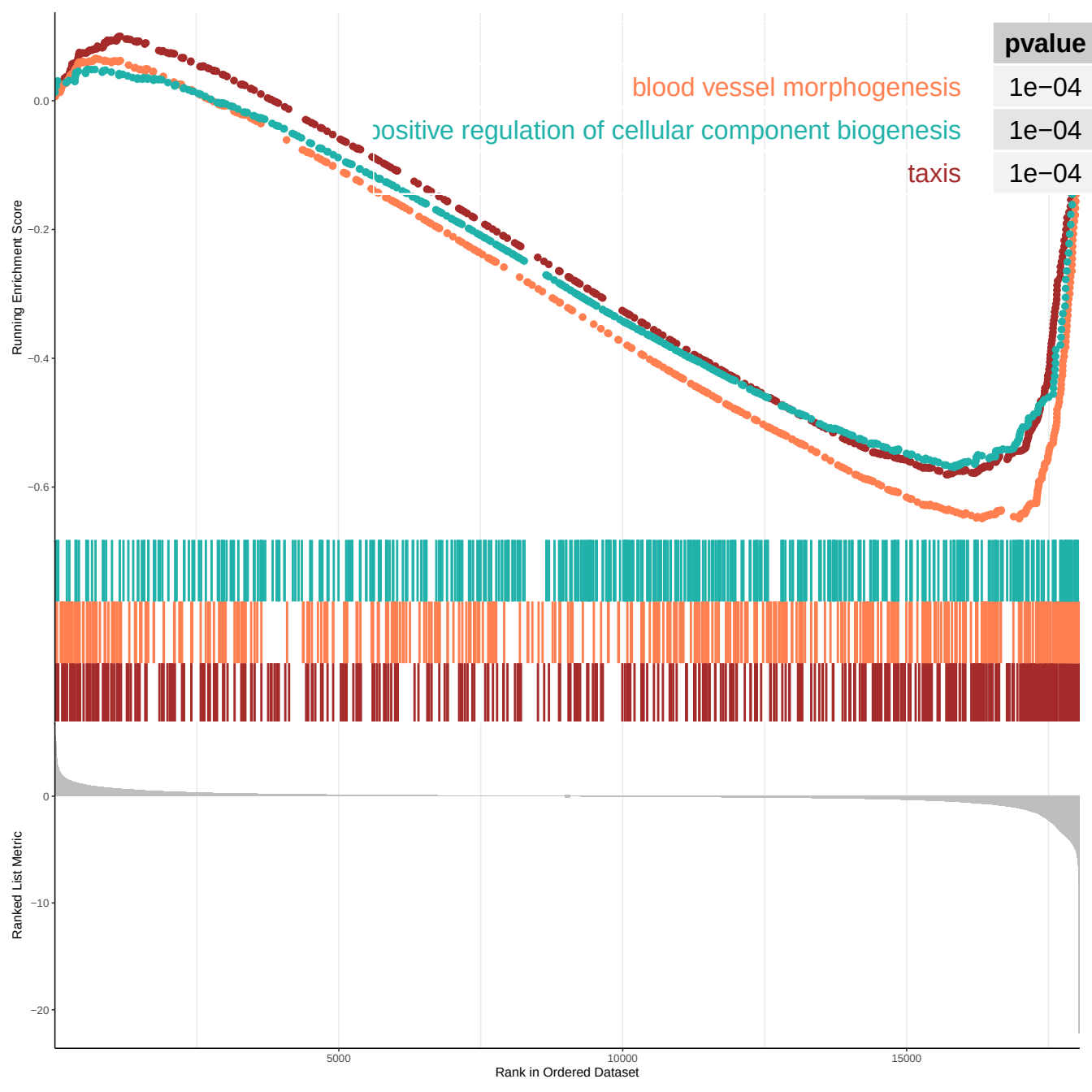
muscle structure development
cell adhesion molecule binding
cell−cell signaling by wnt
Wnt signaling pathway
blood vessel morphogenesis
morphogenesis of an epithelium
embryonic morphogenesis
heart development
structural molecule activity
−20
−15
−10
−5
0
Enrichment distribution
p.adjust
0.003772459


taxis
Ranked List Metric
4
2
0
−2
−4
−6
Running Enrichment Score
0.0
−0.2
−0.4
−0.6
0
5000
10000
15000
Position in the Ranked List of Genes


pvalue
blood vessel morphogenesis
1e−04
positive regulation of cellular component biogenesis
1e−04
taxis
1e−04
Running Enrichment Score
0.0
−0.2
−0.4
−0.6
Ranked List Metric
0
−10
−20
5000
10000
15000
Rank in Ordered Dataset