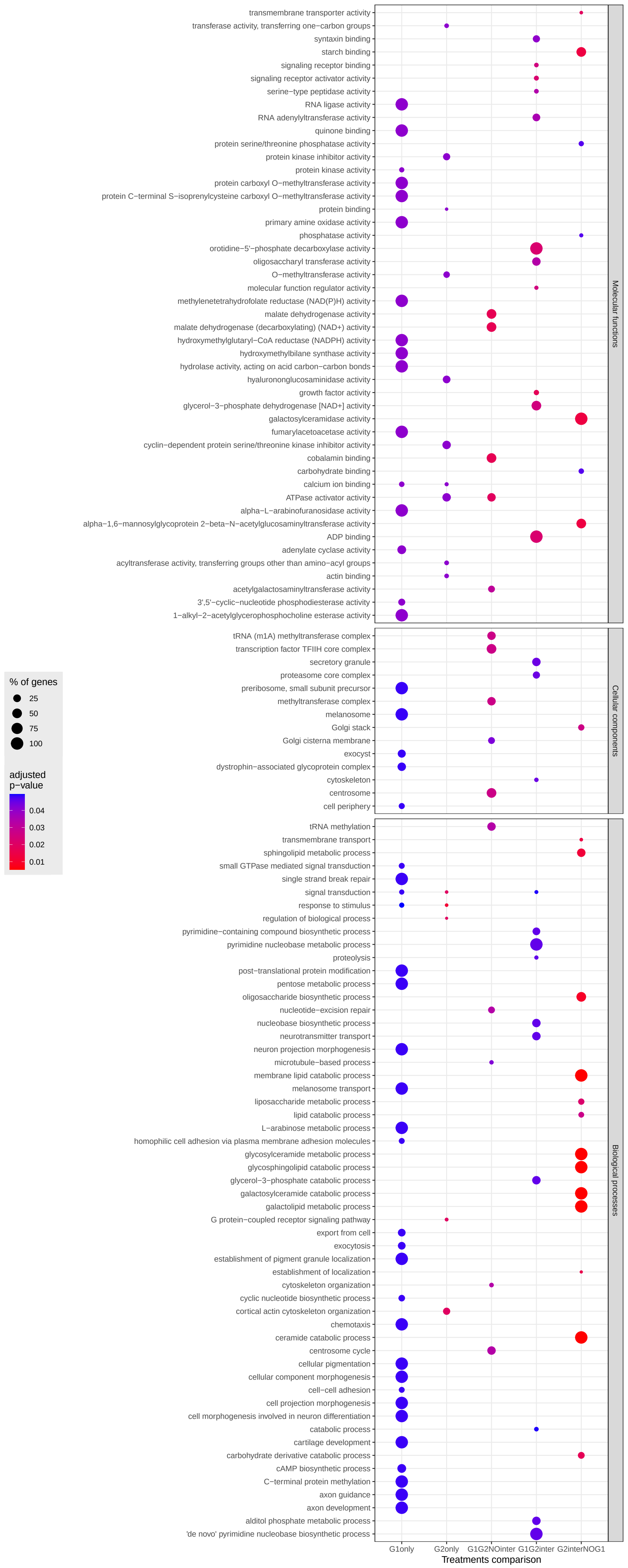
transmembrane transporter activity
transferase activity, transferring one−carbon groups
syntaxin binding
starch binding
signaling receptor binding
signaling receptor activator activity
serine−type peptidase activity
RNA ligase activity
RNA adenylyltransferase activity
quinone binding
protein serine/threonine phosphatase activity
protein kinase inhibitor activity
protein kinase activity
protein carboxyl O−methyltransferase activity
protein C−terminal S−isoprenylcysteine carboxyl O−methyltransferase activity
protein binding
primary amine oxidase activity
phosphatase activity
orotidine−5'−phosphate decarboxylase activity
oligosaccharyl transferase activity
O−methyltransferase activity
molecular function regulator activity
methylenetetrahydrofolate reductase (NAD(P)H) activity
malate dehydrogenase activity
malate dehydrogenase (decarboxylating) (NAD+) activity
hydroxymethylglutaryl−CoA reductase (NADPH) activity
hydroxymethylbilane synthase activity
hydrolase activity, acting on acid carbon−carbon bonds
hyaluronongluconosaminidase activity
growth factor activity
glycerol−3−phosphate dehydrogenase [NAD+] activity
galactosylceramidase activity
fumarylacetoacetase activity
cyclin−dependent protein serine/threonine kinase inhibitor activity
cobalamin binding
carbohydrate binding
calcium ion binding
ATPase activator activity
alpha−L−arabinofuranosidase activity
alpha−1,6−mannosylglycoprotein 2−beta−N−acetylglucosaminyltransferase activity
ADP binding
adenylate cyclase activity
acyltransferase activity, transferring groups other than amino−acyl groups
actin binding
acetylgalactosaminyltransferase activity
3',5'−cyclic−nucleotide phosphodiesterase activity
1−alkyl−2−acetylglycerophosphocholine esterase activity
Molecular functions
tRNA (m1A) methyltransferase complex
transcription factor TFIIH core complex
secretory granule
proteasome core complex
preribosome, small subunit precursor
methyltransferase complex
melanosome
Golgi stack
Golgi cisterna membrane
exocyst
dystrophin−associated glycoprotein complex
cytoskeleton
centrosome
cell periphery
Cellular components
tRNA methylation
transmembrane transport
sphingolipid metabolic process
small GTPase mediated signal transduction
single strand break repair
signal transduction
response to stimulus
regulation of biological process
pyrimidine−containing compound biosynthetic process
pyrimidine nucleobase metabolic process
proteolysis
post−translational protein modification
pentose metabolic process
oligosaccharide biosynthetic process
nucleotide−excision repair
nucleobase biosynthetic process
neurotransmitter transport
neuron projection morphogenesis
microtubule−based process
membrane lipid catabolic process
melanosome transport
liposaccharide metabolic process
lipid catabolic process
L−arabinose metabolic process
homophilic cell adhesion via plasma membrane adhesion molecules
glycosylceramide metabolic process
glycosphingolipid catabolic process
glycerol−3−phosphate catabolic process
galactosylceramide catabolic process
galactolipid metabolic process
G protein−coupled receptor signaling pathway
export from cell
exocytosis
establishment of pigment granule localization
establishment of localization
cytoskeleton organization
cyclic nucleotide biosynthetic process
cortical actin cytoskeleton organization
chemotaxis
ceramide catabolic process
centrosome cycle
cellular pigmentation
cellular component morphogenesis
cell−cell adhesion
cell projection morphogenesis
cell morphogenesis involved in neuron differentiation
catabolic process
cartilage development
carbohydrate derivative catabolic process
cAMP biosynthetic process
C−terminal protein methylation
axon guidance
axon development
alditol phosphate metabolic process
'de novo' pyrimidine nucleobase biosynthetic process
Biological processes
G1only
G2only
G1G2NOinter
G1G2inter
G2interNOG1
Treatments comparison
% of genes
25
50
75
100
adjusted p−value
0.04
0.03
0.02
0.01