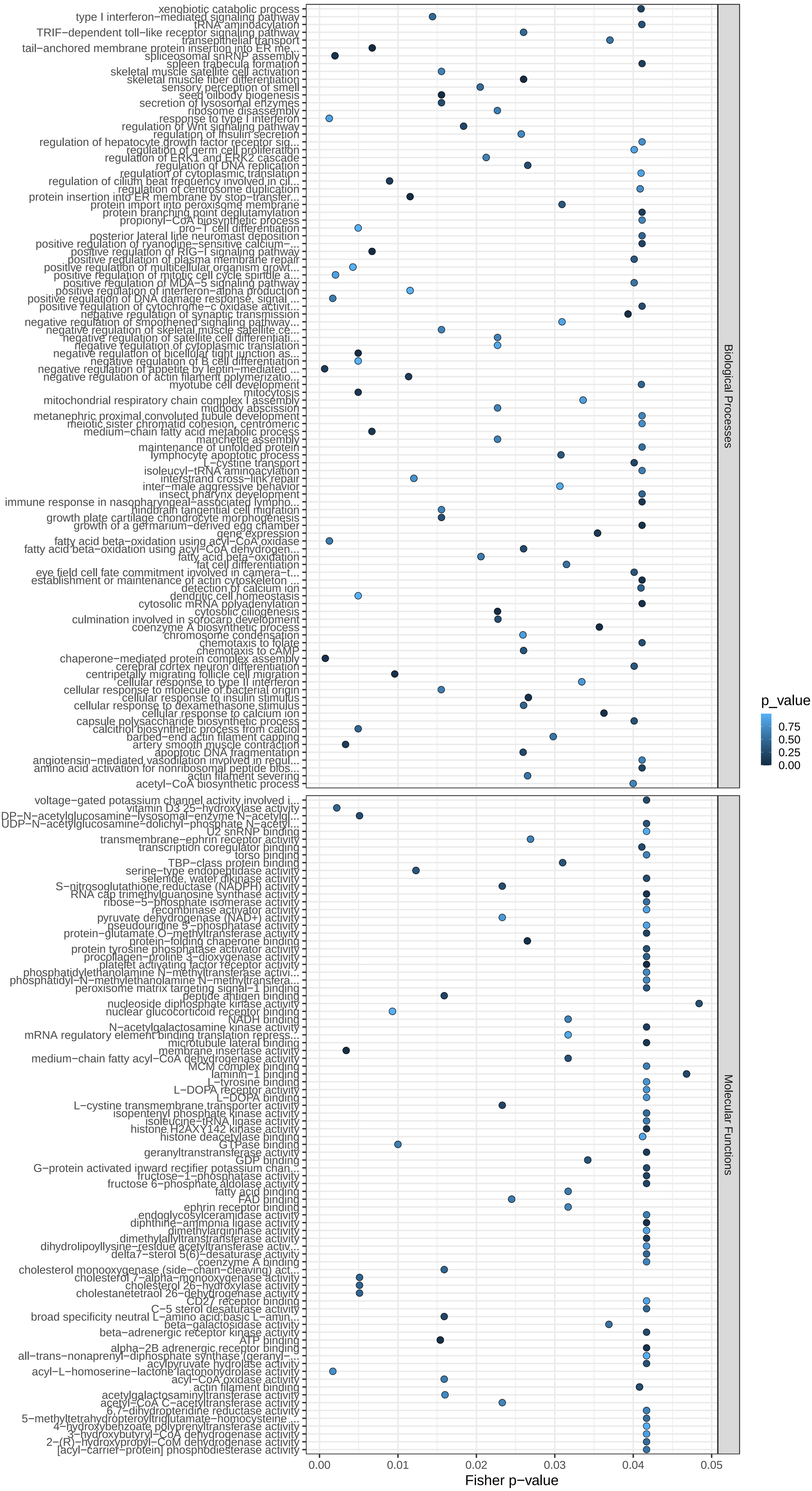
xenobiotic catabolic process
type I interferon−mediated signaling pathway
tRNA aminoacylation
TRIF−dependent toll−like receptor signaling pathway
transepithelial transport
tail−anchored membrane protein insertion into ER me...
spliceosomal snRNP assembly
spleen trabecula formation
skeletal muscle satellite cell activation
skeletal muscle fiber differentiation
sensory perception of smell
seed oilbody biogenesis
secretion of lysosomal enzymes
ribosome disassembly
response to type I interferon
regulation of Wnt signaling pathway
regulation of insulin secretion
regulation of hepatocyte growth factor receptor sig...
regulation of germ cell proliferation
regulation of ERK1 and ERK2 cascade
regulation of DNA replication
regulation of cytoplasmic translation
regulation of cilium beat frequency involved in cil...
regulation of centrosome duplication
protein insertion into ER membrane by stop−transfer...
protein import into peroxisome membrane
protein branching point deglutamylation
propionyl−CoA biosynthetic process
pro−T cell differentiation
posterior lateral line neuromast deposition
positive regulation of ryanodine−sensitive calcium−...
positive regulation of RIG−I signaling pathway
positive regulation of plasma membrane repair
positive regulation of multicellular organism growt...
positive regulation of mitotic cell cycle spindle a...
positive regulation of MDA−5 signaling pathway
positive regulation of interferon−alpha production
positive regulation of DNA damage response, signal ...
positive regulation of cytochrome−c oxidase activit...
negative regulation of synaptic transmission
negative regulation of smoothened signaling pathway...
negative regulation of skeletal muscle satellite ce...
negative regulation of satellite cell differentiati...
negative regulation of cytoplasmic translation
negative regulation of bicellular tight junction as...
negative regulation of B cell differentiation
negative regulation of appetite by leptin−mediated ...
negative regulation of actin filament polymerizatio...
myotube cell development
mitocytosis
mitochondrial respiratory chain complex I assembly
midbody abscission
metanephric proximal convoluted tubule development
meiotic sister chromatid cohesion, centromeric
medium−chain fatty acid metabolic process
manchette assembly
maintenance of unfolded protein
lymphocyte apoptotic process
L−cystine transport
isoleucyl−tRNA aminoacylation
interstrand cross−link repair
inter−male aggressive behavior
insect pharynx development
immune response in nasopharyngeal−associated lympho...
hindbrain tangential cell migration
growth plate cartilage chondrocyte morphogenesis
growth of a germarium−derived egg chamber
gene expression
fatty acid beta−oxidation using acyl−CoA oxidase
fatty acid beta−oxidation using acyl−CoA dehydrogen...
fatty acid beta−oxidation
fat cell differentiation
eye field cell fate commitment involved in camera−t...
establishment or maintenance of actin cytoskeleton ...
detection of calcium ion
dendritic cell homeostasis
cytosolic mRNA polyadenylation
cytosolic ciliogenesis
culmination involved in sorocarp development
coenzyme A biosynthetic process
chromosome condensation
chemotaxis to folate
chemotaxis to cAMP
chaperone−mediated protein complex assembly
cerebral cortex neuron differentiation
centripetally migrating follicle cell migration
cellular response to type II interferon
cellular response to molecule of bacterial origin
cellular response to insulin stimulus
cellular response to dexamethasone stimulus
cellular response to calcium ion
capsule polysaccharide biosynthetic process
calcitriol biosynthetic process from calciol
barbed−end actin filament capping
artery smooth muscle contraction
apoptotic DNA fragmentation
angiotensin−mediated vasodilation involved in regul...
amino acid activation for nonribosomal peptide bios...
actin filament severing
acetyl−CoA biosynthetic process
Biological Processes
voltage−gated potassium channel activity involved i...
vitamin D3 25−hydroxylase activity
UDP−N−acetylglucosamine−lysosomal−enzyme N−acetylgl...
UDP−N−acetylglucosamine−dolichyl−phosphate N−acetyl...
U2 snRNP binding
transmembrane−ephrin receptor activity
transcription coregulator binding
torso binding
TBP−class protein binding
serine−type endopeptidase activity
selenide, water dikinase activity
S−nitrosoglutathione reductase (NADPH) activity
RNA cap trimethylguanosine synthase activity
ribose−5−phosphate isomerase activity
recombinase activator activity
pyruvate dehydrogenase (NAD+) activity
pseudouridine 5'−phosphatase activity
protein−glutamate O−methyltransferase activity
protein−folding chaperone binding
protein tyrosine phosphatase activator activity
procollagen−proline 3−dioxygenase activity
platelet activating factor receptor activity
phosphatidylethanolamine N−methyltransferase activi...
phosphatidyl−N−methylethanolamine N−methyltransfera...
peroxisome matrix targeting signal−1 binding
peptide antigen binding
nucleoside diphosphate kinase activity
nuclear glucocorticoid receptor binding
NADH binding
N−acetylgalactosamine kinase activity
mRNA regulatory element binding translation repress...
microtubule lateral binding
membrane insertase activity
medium−chain fatty acyl−CoA dehydrogenase activity
MCM complex binding
laminin−1 binding
L−tyrosine binding
L−DOPA receptor activity
L−DOPA binding
L−cystine transmembrane transporter activity
isopentenyl phosphate kinase activity
isoleucine−tRNA ligase activity
histone H2AXY142 kinase activity
histone deacetylase binding
GTPase binding
geranyltranstransferase activity
GDP binding
G−protein activated inward rectifier potassium chan...
fructose−1−phosphatase activity
fructose 6−phosphate aldolase activity
fatty acid binding
FAD binding
ephrin receptor binding
endoglycosylceramidase activity
diphthine−ammonia ligase activity
dimethylargininase activity
dimethylallyltranstransferase activity
dihydrolipoyllysine−residue acetyltransferase activ...
delta7−sterol 5(6)−desaturase activity
coenzyme A binding
cholesterol monooxygenase (side−chain−cleaving) act...
cholesterol 7−alpha−monooxygenase activity
cholesterol 26−hydroxylase activity
cholestanetetraol 26−dehydrogenase activity
CD27 receptor binding
C−5 sterol desaturase activity
broad specificity neutral L−amino acid:basic L−amin...
beta−galactosidase activity
beta−adrenergic receptor kinase activity
ATP binding
alpha−2B adrenergic receptor binding
all−trans−nonaprenyl−diphosphate synthase (geranyl−...
acylpyruvate hydrolase activity
acyl−L−homoserine−lactone lactonohydrolase activity
acyl−CoA oxidase activity
actin filament binding
acetylgalactosaminyltransferase activity
acetyl−CoA C−acetyltransferase activity
6,7−dihydropteridine reductase activity
5−methyltetrahydropteroyltriglutamate−homocysteine ...
4−hydroxybenzoate polyprenyltransferase activity
3−hydroxybutyryl−CoA dehydrogenase activity
2−(R)−hydroxypropyl−CoM dehydrogenase activity
[acyl−carrier−protein] phosphodiesterase activity
Molecular Functions
0.00
0.01
0.02
0.03
0.04
0.05
Fisher p−value
p_value
0.75
0.50
0.25
0.00