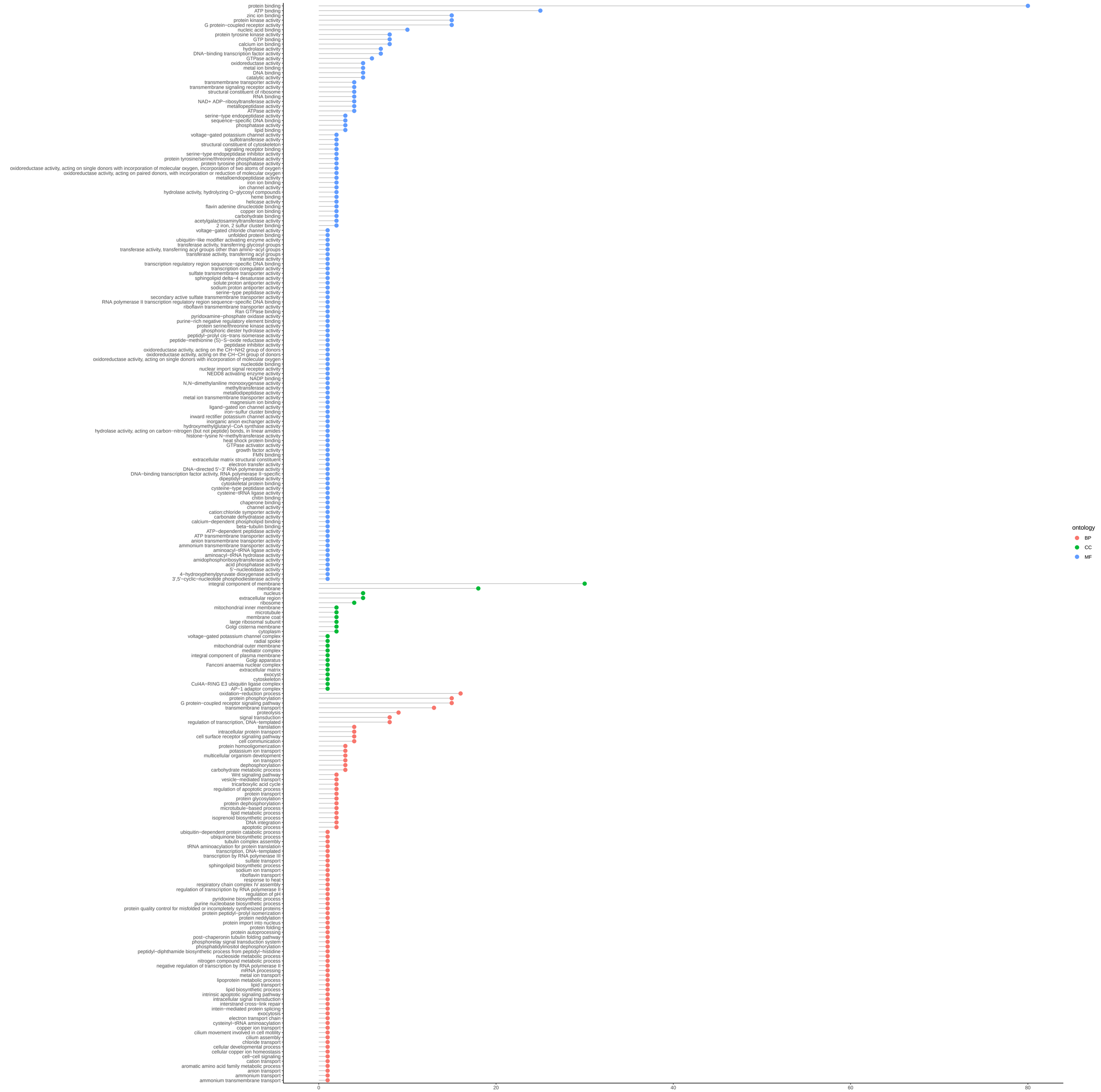
protein binding
ATP binding
zinc ion binding
protein kinase activity
G protein−coupled receptor activity
nucleic acid binding
protein tyrosine kinase activity
GTP binding
calcium ion binding
hydrolase activity
DNA−binding transcription factor activity
GTPase activity
oxidoreductase activity
metal ion binding
DNA binding
catalytic activity
transmembrane transporter activity
transmembrane signaling receptor activity
structural constituent of ribosome
RNA binding
NAD+ ADP−ribosyltransferase activity
metallopeptidase activity
ATPase activity
serine−type endopeptidase activity
sequence−specific DNA binding
phosphatase activity
lipid binding
voltage−gated potassium channel activity
sulfotransferase activity
structural constituent of cytoskeleton
signaling receptor binding
serine−type endopeptidase inhibitor activity
protein tyrosine/serine/threonine phosphatase activity
protein tyrosine phosphatase activity
oxidoreductase activity, acting on single donors with incorporation of molecular oxygen, incorporation of two atoms of oxygen
oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen
metalloendopeptidase activity
iron ion binding
ion channel activity
hydrolase activity, hydrolyzing O−glycosyl compounds
heme binding
helicase activity
flavin adenine dinucleotide binding
copper ion binding
carbohydrate binding
acetylgalactosaminyltransferase activity
2 iron, 2 sulfur cluster binding
voltage−gated chloride channel activity
unfolded protein binding
ubiquitin−like modifier activating enzyme activity
transferase activity, transferring glycosyl groups
transferase activity, transferring acyl groups other than amino−acyl groups
transferase activity, transferring acyl groups
transferase activity
transcription regulatory region sequence−specific DNA binding
transcription coregulator activity
sulfate transmembrane transporter activity
sphingolipid delta−4 desaturase activity
solute:proton antiporter activity
sodium:proton antiporter activity
serine−type peptidase activity
secondary active sulfate transmembrane transporter activity
RNA polymerase II transcription regulatory region sequence−specific DNA binding
riboflavin transmembrane transporter activity
Ran GTPase binding
pyridoxamine−phosphate oxidase activity
purine−rich negative regulatory element binding
protein serine/threonine kinase activity
phosphoric diester hydrolase activity
peptidyl−prolyl cis−trans isomerase activity
peptide−methionine (S)−S−oxide reductase activity
peptidase inhibitor activity
oxidoreductase activity, acting on the CH−NH2 group of donors
oxidoreductase activity, acting on the CH−CH group of donors
oxidoreductase activity, acting on single donors with incorporation of molecular oxygen
nucleotide binding
nuclear import signal receptor activity
NEDD8 activating enzyme activity
NADP binding
N,N−dimethylaniline monooxygenase activity
methyltransferase activity
metallodipeptidase activity
metal ion transmembrane transporter activity
magnesium ion binding
ligand−gated ion channel activity
iron−sulfur cluster binding
inward rectifier potassium channel activity
inorganic anion exchanger activity
hydroxymethylglutaryl−CoA synthase activity
hydrolase activity, acting on carbon−nitrogen (but not peptide) bonds, in linear amides
histone−lysine N−methyltransferase activity
heat shock protein binding
GTPase activator activity
growth factor activity
FMN binding
extracellular matrix structural constituent
electron transfer activity
DNA−directed 5'−3' RNA polymerase activity
DNA−binding transcription factor activity, RNA polymerase II−specific
dipeptidyl−peptidase activity
cytoskeletal protein binding
cysteine−type peptidase activity
cysteine−tRNA ligase activity
chitin binding
chaperone binding
channel activity
cation:chloride symporter activity
carbonate dehydratase activity
calcium−dependent phospholipid binding
beta−tubulin binding
ATP−dependent peptidase activity
ATP transmembrane transporter activity
anion transmembrane transporter activity
ammonium transmembrane transporter activity
aminoacyl−tRNA ligase activity
aminoacyl−tRNA hydrolase activity
amidophosphoribosyltransferase activity
acid phosphatase activity
5'−nucleotidase activity
4−hydroxyphenylpyruvate dioxygenase activity
3',5'−cyclic−nucleotide phosphodiesterase activity
integral component of membrane
membrane
nucleus
extracellular region
ribosome
mitochondrial inner membrane
microtubule
membrane coat
large ribosomal subunit
Golgi cisterna membrane
cytoplasm
voltage−gated potassium channel complex
radial spoke
mitochondrial outer membrane
mediator complex
integral component of plasma membrane
Golgi apparatus
Fanconi anaemia nuclear complex
extracellular matrix
exocyst
cytoskeleton
Cul4A−RING E3 ubiquitin ligase complex
AP−1 adaptor complex
oxidation−reduction process
protein phosphorylation
G protein−coupled receptor signaling pathway
transmembrane transport
proteolysis
signal transduction
regulation of transcription, DNA−templated
translation
intracellular protein transport
cell surface receptor signaling pathway
cell communication
protein homooligomerization
potassium ion transport
multicellular organism development
ion transport
dephosphorylation
carbohydrate metabolic process
Wnt signaling pathway
vesicle−mediated transport
tricarboxylic acid cycle
regulation of apoptotic process
protein transport
protein glycosylation
protein dephosphorylation
microtubule−based process
lipid metabolic process
isoprenoid biosynthetic process
DNA integration
apoptotic process
ubiquitin−dependent protein catabolic process
ubiquinone biosynthetic process
tubulin complex assembly
tRNA aminoacylation for protein translation
transcription, DNA−templated
transcription by RNA polymerase III
sulfate transport
sphingolipid biosynthetic process
sodium ion transport
riboflavin transport
response to heat
respiratory chain complex IV assembly
regulation of transcription by RNA polymerase II
regulation of pH
pyridoxine biosynthetic process
purine nucleobase biosynthetic process
protein quality control for misfolded or incompletely synthesized proteins
protein peptidyl−prolyl isomerization
protein neddylation
protein import into nucleus
protein folding
protein autoprocessing
post−chaperonin tubulin folding pathway
phosphorelay signal transduction system
phosphatidylinositol dephosphorylation
peptidyl−diphthamide biosynthetic process from peptidyl−histidine
nucleoside metabolic process
nitrogen compound metabolic process
negative regulation of transcription by RNA polymerase II
mRNA processing
metal ion transport
lipoprotein metabolic process
lipid transport
lipid biosynthetic process
intrinsic apoptotic signaling pathway
intracellular signal transduction
interstrand cross−link repair
intein−mediated protein splicing
exocytosis
electron transport chain
cysteinyl−tRNA aminoacylation
copper ion transport
cilium movement involved in cell motility
cilium assembly
chloride transport
cellular developmental process
cellular copper ion homeostasis
cell−cell signaling
cation transport
aromatic amino acid family metabolic process
anion transport
ammonium transport
ammonium transmembrane transport
0
20
40
60
80
ontology
BP
CC
MF