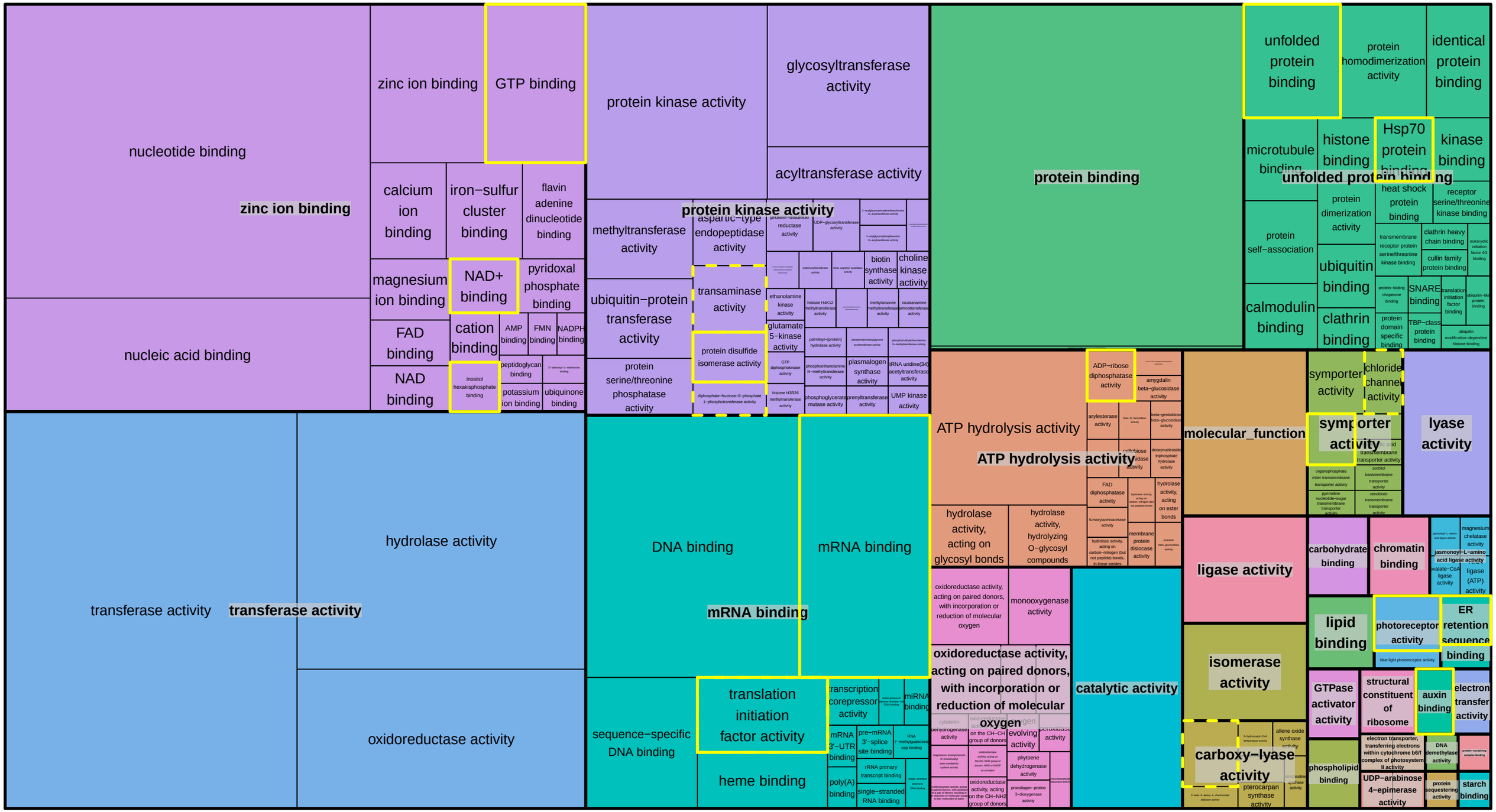
Zm Expanded, No DEG in Zm, All C3 DE, MF, ReviGO 0.5, # HOGs 513 Total Sig. GO−Terms 20


nucleotide binding
zinc ion binding
nucleic acid binding
zinc ion binding
GTP binding
calcium ion binding
iron−sulfur cluster binding
flavin adenine dinucleotide binding
magnesium ion binding
NAD+ binding
pyridoxal phosphate binding
FAD binding
cation binding
AMP binding
FMN binding
NADPH binding
NAD binding
inositol hexakisphosphate binding
peptidoglycan binding
potassium ion binding
ubiquinone binding
protein kinase activity
glycosyltransferase activity
acyltransferase activity
protein kinase activity
methyltransferase activity
aspartic−type endopeptidase activity
protein−disulfide reductase activity
UDP−glycosyltransferase activity
biotin synthase activity
choline kinase activity
ubiquitin−protein transferase activity
transaminase activity
ethanolamine kinase activity
histone H4K12 methyltransferase activity
methylarsonite methyltransferase activity
nicotianamine aminotransferase activity
glutamate 5−kinase activity
protein disulfide isomerase activity
palmitoyl−(protein) hydrolase activity
phosphoethanolamine N−methyltransferase activity
plasmalogen synthase activity
tRNA uridine(34) acetyltransferase activity
protein serine/threonine phosphatase activity
GTP diphosphokinase activity
histone H3R26 methyltransferase activity
phosphoglycerate mutase activity
prenyltransferase activity
UMP kinase activity
diphosphate−fructose−6−phosphate 1−phosphotransferase activity
protein binding
unfolded protein binding
protein homodimerization activity
identical protein binding
microtubule binding
histone binding
Hsp70 protein binding
kinase binding
unfolded protein binding
protein self−association
protein dimerization activity
heat shock protein binding
receptor serine/threonine kinase binding
ubiquitin binding
transmembrane receptor protein serine/threonine kinase binding
clathrin heavy chain binding
cullin family protein binding
calmodulin binding
clathrin binding
protein−folding chaperone binding
SNARE binding
translation initiation factor binding
protein domain specific binding
TBP−class protein binding
ubiquitin modification−dependent histone binding
transferase activity
transferase activity
hydrolase activity
oxidoreductase activity
DNA binding
mRNA binding
mRNA binding
sequence−specific DNA binding
translation initiation factor activity
transcription corepressor activity
miRNA binding
mRNA 3'−UTR binding
pre−mRNA 3'−splice site binding
rRNA primary transcript binding
heme binding
poly(A) binding
single−stranded RNA binding
ATP hydrolysis activity
ATP hydrolysis activity
ADP−ribose diphosphatase activity
amygdalin beta−glucosidase activity
arylesterase activity
beta−glucosidase activity
deoxynucleoside triphosphate hydrolase activity
FAD diphosphatase activity
hydrolase activity, acting on ester bonds
fumarylacetoacetase activity
membrane protein disloca activity
hydrolase activity, acting on carbon−nitrogen (but not peptide) bonds, in linear amides
hydrolase activity, acting on carbon−nitrogen (but not peptide) bonds
hydrolase activity, acting on carbon−nitrogen (but not peptide) bonds, in linear amidines
hydrolase activity, acting on carbon−nitrogen (but not peptide) bonds, in cyclic amidines
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