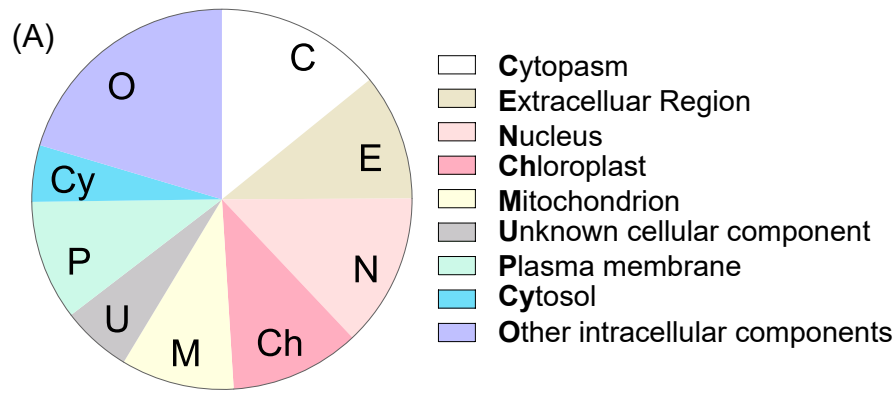
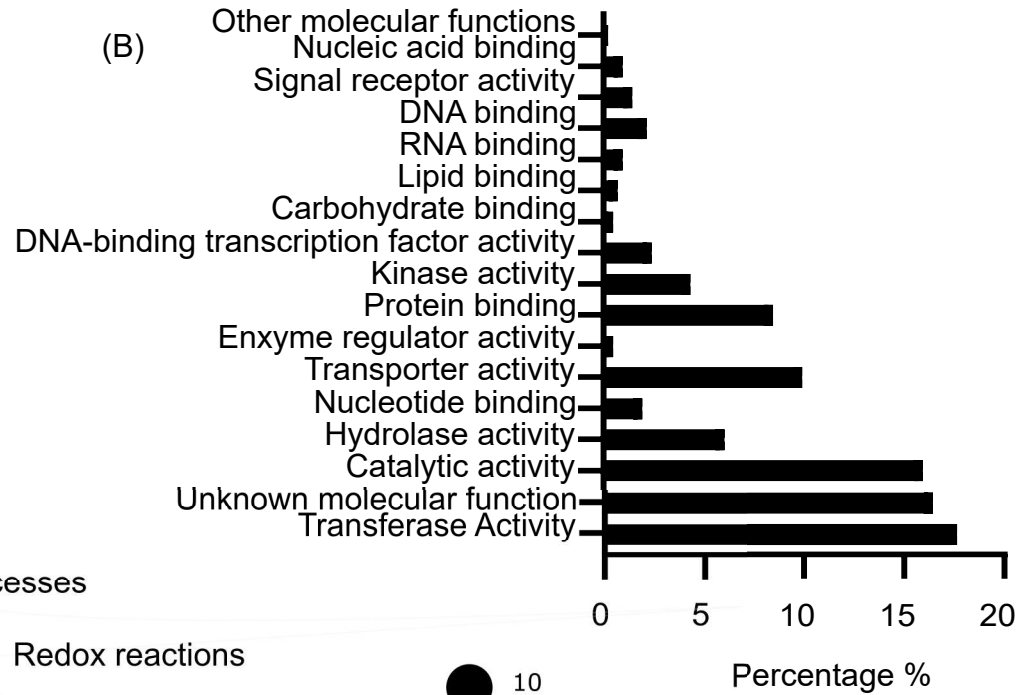
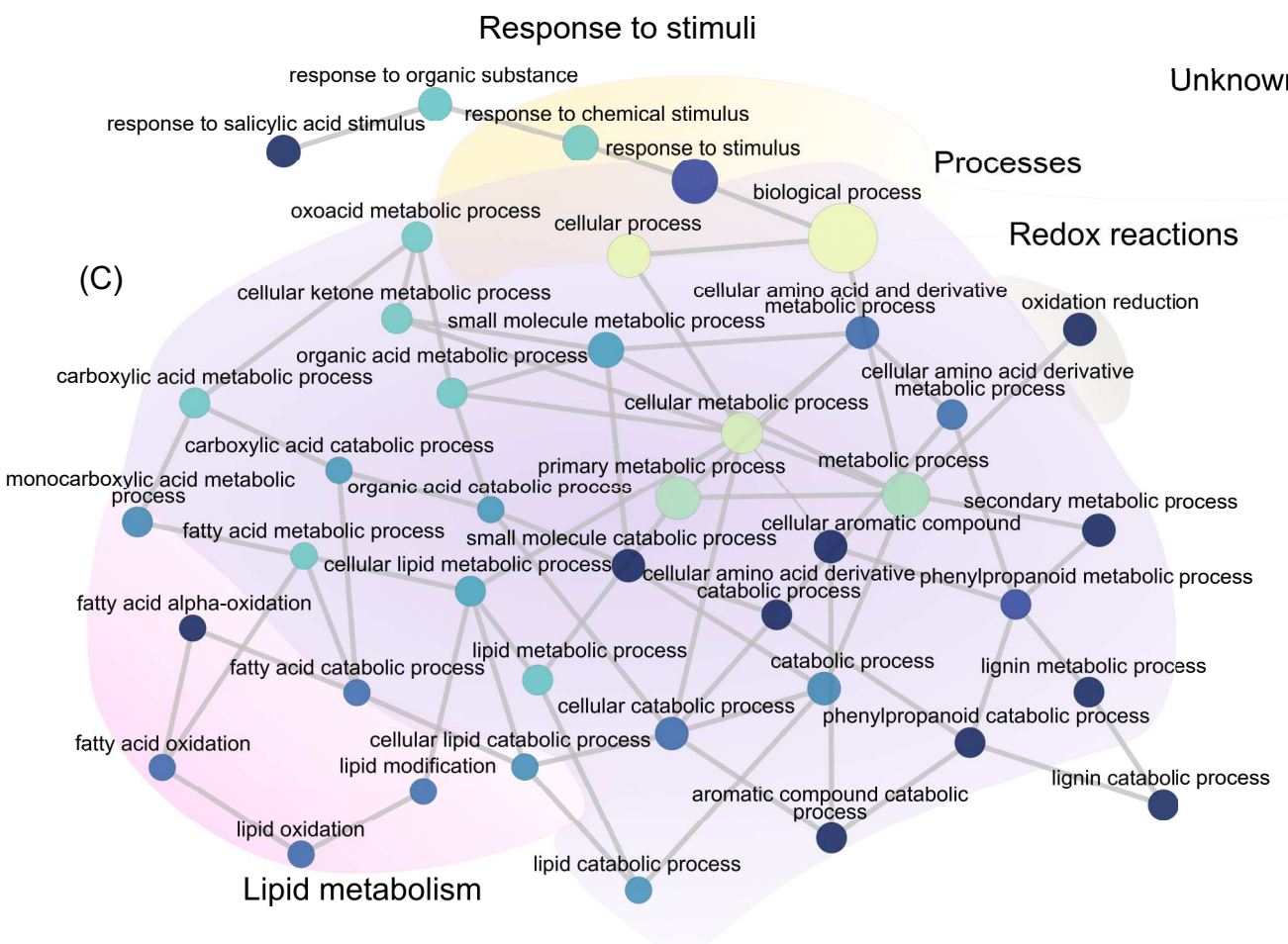

(A)
C
E
N
Ch
M
U
P
Cy
O
Cytopasm
Extracelluar Region
Nucleus
Chloroplast
Mitochondrion
Unknown cellular component
Plasma membrane
Cytosol
Other intracellular components


(B)
Other molecular functions
Nucleic acid binding
Signal receptor activity
DNA binding
RNA binding
Lipid binding
Carbohydrate binding
DNA-binding transcription factor activity
Kinase activity
Protein binding
Enxyme regulator activity
Transporter activity
Nucleotide binding
Hydrolase activity
Catalytic activity
Unknown molecular function
Transferase Activity
0
5
10
15
20
Percentage %


(C)
Response to stimuli
Processes
Redox reactions
Lipid metabolism
response to organic substance
response to salicylic acid stimulus
response to chemical stimulus
response to stimulus
biological process
oxoacid metabolic process
cellular process
cellular ketone metabolic process
cellular amino acid and derivative metabolic process
oxidation reduction
small molecule metabolic process
organic acid metabolic process
carboxylic acid metabolic process
cellular amino acid derivative metabolic process
cellular metabolic process
carboxylic acid catabolic process
primary metabolic process
metabolic process
monocarboxylic acid metabolic process
organic acid catabolic process
secondary metabolic process
fatty acid metabolic process
small molecule catabolic process
cellular aromatic compound
cellular lipid metabolic process
cellular amino acid derivative catabolic process
phenylpropanoid metabolic process
fatty acid alpha-oxidation
lipid metabolic process
catabolic process
fatty acid catabolic process
lignin metabolic process
cellular catabolic process
phenylpropanoid catabolic process
fatty acid oxidation
cellular lipid catabolic process
lipid modification
lignin catabolic process
aromatic compound catabolic process
lipid oxidation
lipid catabolic process
1.0
0.8
0.5
0.3
0.0
adj. p-val
10
20
30
40
no. of genes