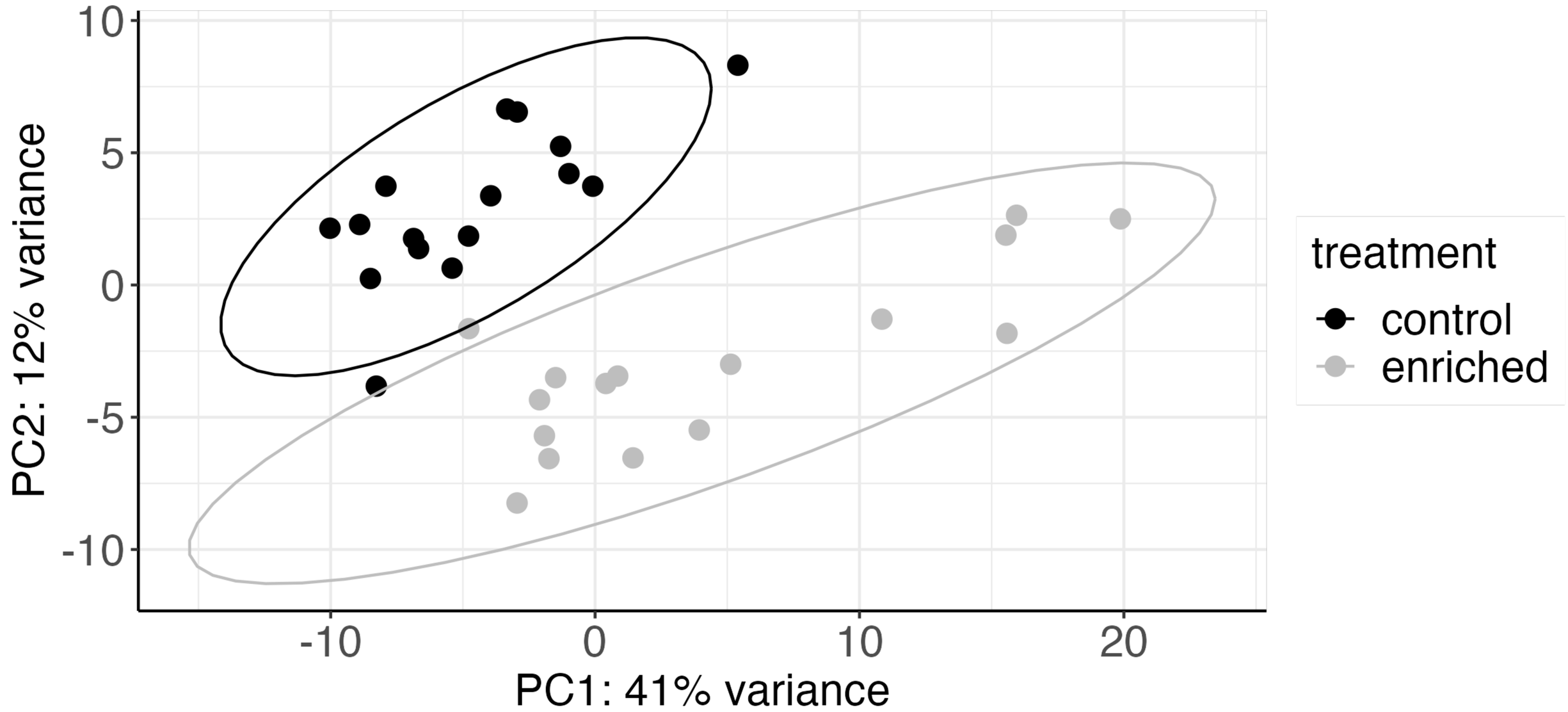
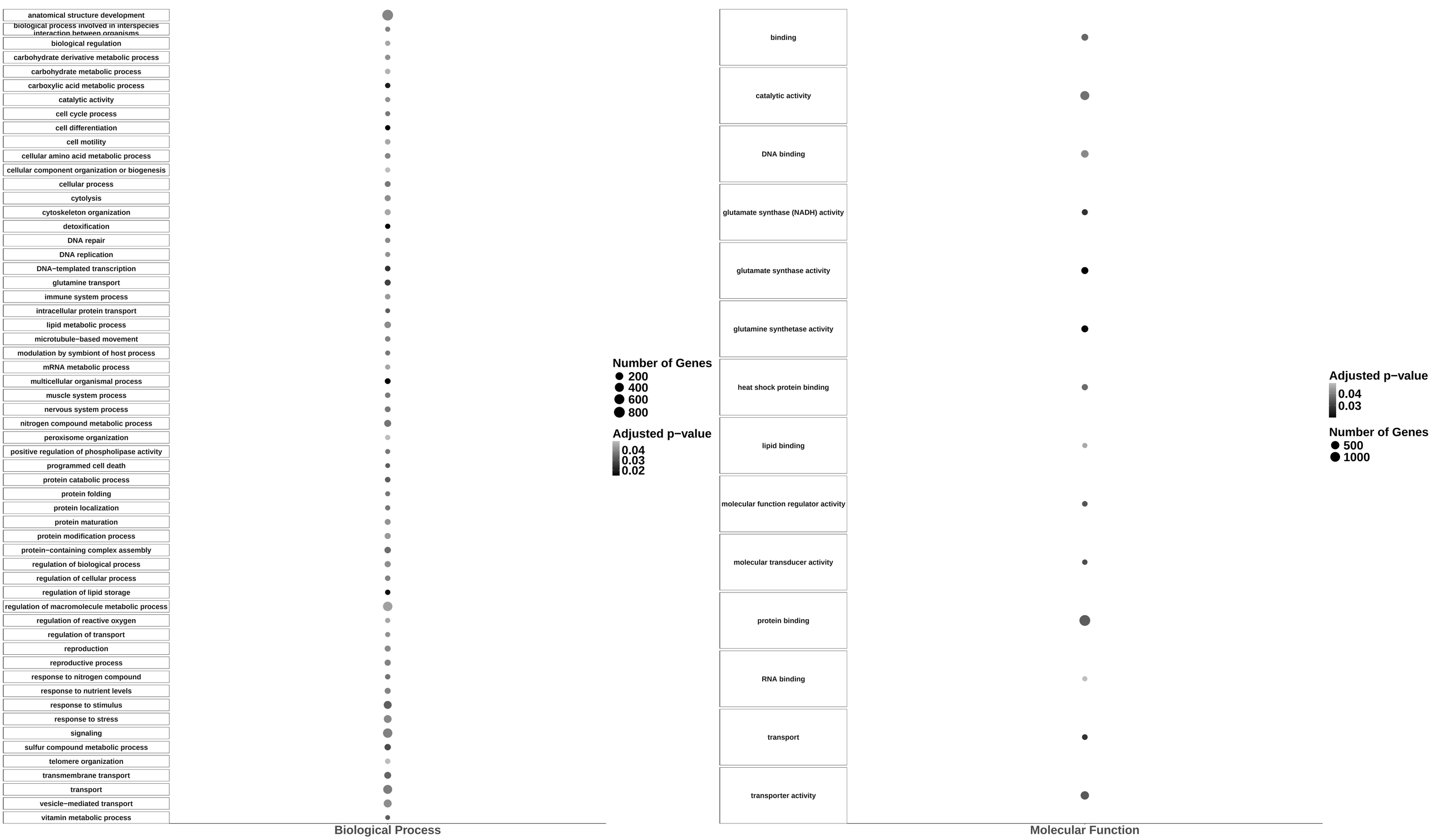
A


10
5
0
-5
-10
PC2: 12% variance
-10
0
10
20
PC1: 41% variance
treatment
control
enriched


anatomical structure development
biological process involved in interspecies interaction between organisms
biological regulation
carbohydrate derivative metabolic process
carbohydrate metabolic process
carboxylic acid metabolic process
catalytic activity
cell cycle process
cell differentiation
cell motility
cellular amino acid metabolic process
cellular component organization or biogenesis
cellular process
cytolysis
cytoskeleton organization
detoxification
DNA repair
DNA replication
DNA−templated transcription
glutamine transport
immune system process
intracellular protein transport
lipid metabolic process
microtubule−based movement
modulation by symbiont of host process
mRNA metabolic process
multicellular organismal process
muscle system process
nervous system process
nitrogen compound metabolic process
peroxisome organization
positive regulation of phospholipase activity
programmed cell death
protein catabolic process
protein folding
protein localization
protein maturation
protein modification process
protein−containing complex assembly
regulation of biological process
regulation of cellular process
regulation of lipid storage
regulation of macromolecule metabolic process
regulation of reactive oxygen
regulation of transport
reproduction
reproductive process
response to nitrogen compound
response to nutrient levels
response to stimulus
response to stress
signaling
sulfur compound metabolic process
telomere organization
transmembrane transport
transport
vesicle−mediated transport
vitamin metabolic process
Biological Process
binding
catalytic activity
DNA binding
glutamate synthase (NADH) activity
glutamate synthase activity
glutamine synthetase activity
heat shock protein binding
lipid binding
molecular function regulator activity
molecular transducer activity
protein binding
RNA binding
transport
transporter activity
Molecular Function
Number of Genes
200
400
600
800
Adjusted p−value
0.04
0.03
0.02
Adjusted p−value
0.04
0.03
Number of Genes
500
1000