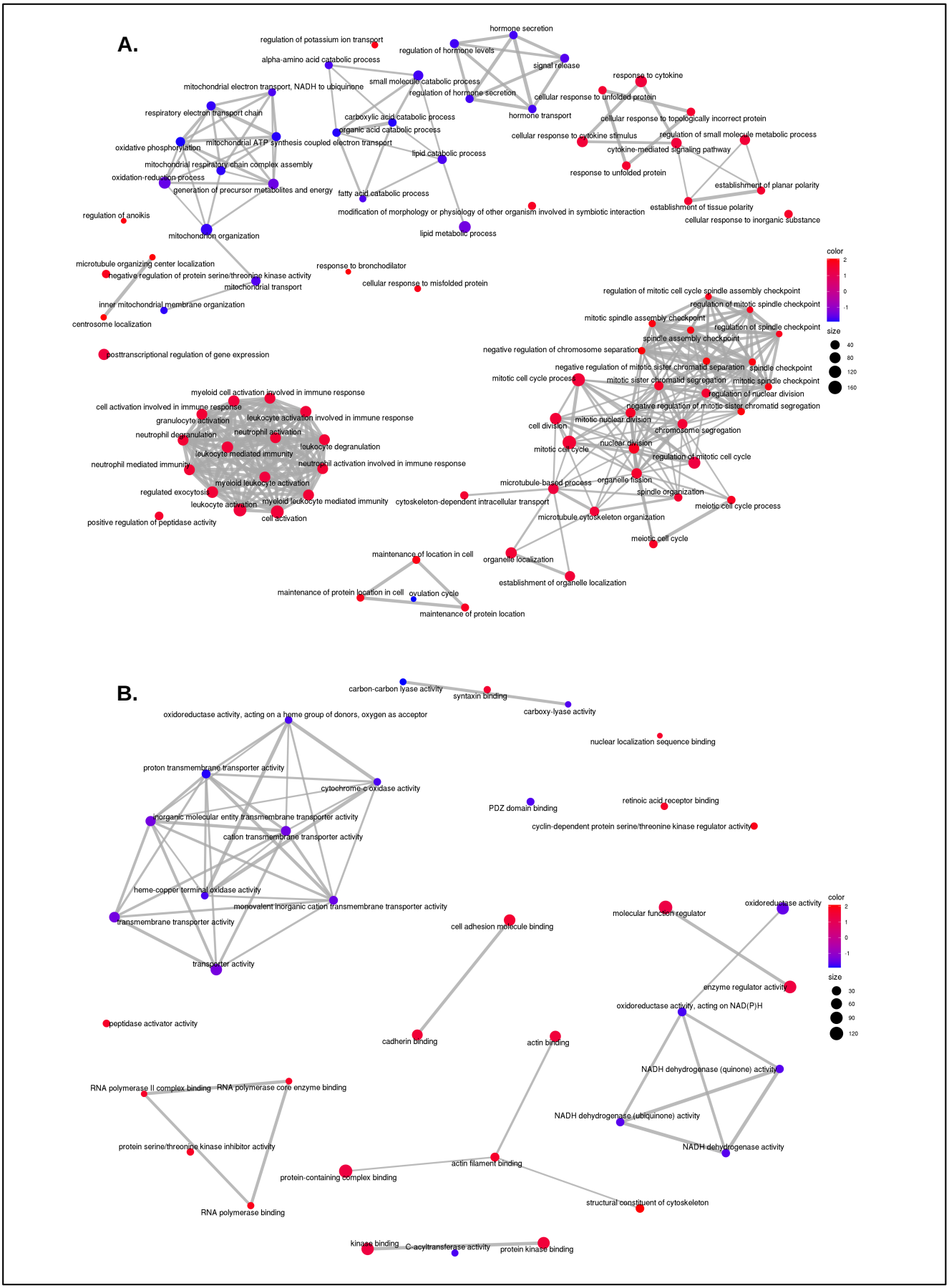

A.
regulation of potassium ion transport
hormone secretion
regulation of hormone levels
alpha-amino acid catabolic process
signal release
small molecule catabolic process
response to cytokine
mitochondrial electron transport, NADH to ubiquinone
regulation of hormone secretion
cellular response to unfolded protein
respiratory electron transport chain
hormone transport
cellular response to topologically incorrect protein
carboxylic acid catabolic process
organic acid catabolic process
cellular response to cytokine stimulus
regulation of small molecule metabolic process
oxidative phosphorylation
mitochondrial ATP synthesis coupled electron transport
cytokine-mediated signaling pathway
lipid catabolic process
mitochondrial respiratory chain complex assembly
response to unfolded protein
oxidation-reduction process
generation of precursor metabolites and energy
establishment of planar polarity
fatty acid catabolic process
establishment of tissue polarity
modification of morphology or physiology of other organism involved in symbiotic interaction
regulation of anoikis
cellular response to inorganic substance
mitochondrion organization
lipid metabolic process
microtubule organizing center localization
response to bronchodilator
negative regulation of protein serine/threonine kinase activity
cellular response to misfolded protein
mitochondrial transport
inner mitochondrial membrane organization
centrosome localization
posttranscriptional regulation of gene expression
regulation of mitotic cell cycle spindle assembly checkpoint
regulation of mitotic spindle checkpoint
mitotic spindle assembly checkpoint
regulation of spindle checkpoint
spindle assembly checkpoint
negative regulation of chromosome separation
negative regulation of mitotic sister chromatid separation
spindle checkpoint
mitotic cell cycle process
mitotic sister chromatid segregation
mitotic spindle checkpoint
regulation of nuclear division
negative regulation of mitotic sister chromatid segregation
myeloid cell activation involved in immune response
cell division
mitotic nuclear division
cell activation involved in immune response
chromosome segregation
granulocyte activation
leukocyte activation involved in immune response
nuclear division
neutrophil degranulation
neutrophil activation
mitotic cell cycle
leukocyte degranulation
regulation of mitotic cell cycle
leukocyte mediated immunity
neutrophil mediated immunity
neutrophil activation involved in immune response
microtubule-based process
organelle fission
myeloid leukocyte activation
spindle organization
regulated exocytosis
cytoskeleton-dependent intracellular transport
myeloid leukocyte mediated immunity
meiotic cell cycle process
leukocyte activation
microtubule cytoskeleton organization
cell activation
positive regulation of peptidase activity
meiotic cell cycle
maintenance of location in cell
organelle localization
establishment of organelle localization
maintenance of protein location in cell
ovulation cycle
maintenance of protein location
color
2
1
0
-1
size
40
80
120
160
B.
carbon-carbon lyase activity
syntaxin binding
carboxy-lyase activity
oxidoreductase activity, acting on a heme group of donors, oxygen as acceptor
nuclear localization sequence binding
proton transmembrane transporter activity
cytochrome-c oxidase activity
retinoic acid receptor binding
PDZ domain binding
inorganic molecular entity transmembrane transporter activity
cyclin-dependent protein serine/threonine kinase regulator activity
cation transmembrane transporter activity
heme-copper terminal oxidase activity
monovalent inorganic cation transmembrane transporter activity
molecular function regulator
oxidoreductase activity
transmembrane transporter activity
cell adhesion molecule binding
transporter activity
enzyme regulator activity
oxidoreductase activity, acting on NAD(P)H
peptidase activator activity
cadherin binding
actin binding
NADH dehydrogenase (quinone) activity
RNA polymerase II complex binding
RNA polymerase core enzyme binding
NADH dehydrogenase (ubiquinone) activity
protein serine/threonine kinase inhibitor activity
NADH dehydrogenase activity
actin filament binding
protein-containing complex binding
structural constituent of cytoskeleton
RNA polymerase binding
kinase binding
C-acyltransferase activity
protein kinase binding
color
2
1
0
-1
size
30
60
90
120

Figure S8