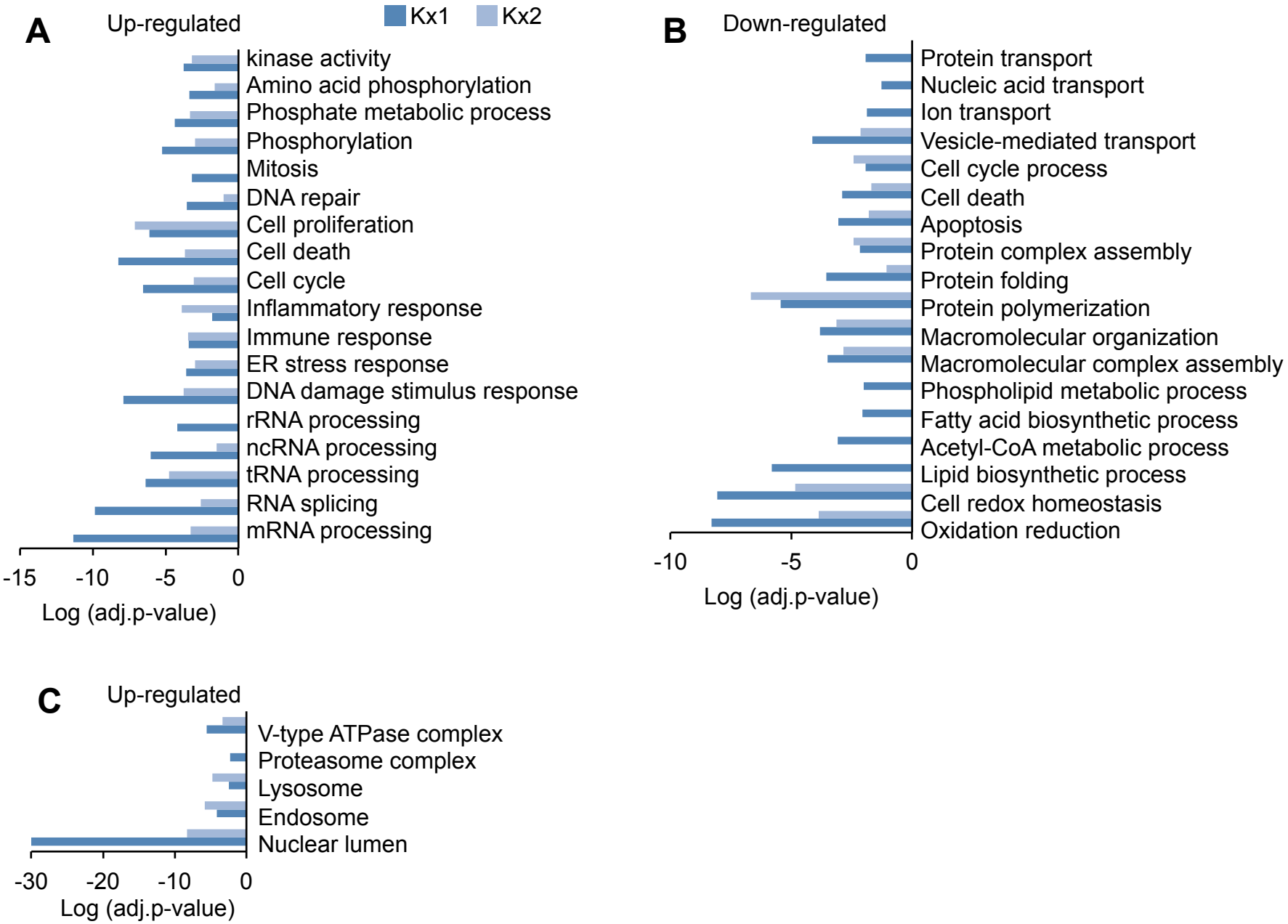
Figure S1


A
Up-regulated
Kx1
Kx2
kinase activity
Amino acid phosphorylation
Phosphate metabolic process
Phosphorylation
Mitosis
DNA repair
Cell proliferation
Cell death
Cell cycle
Inflammatory response
Immune response
ER stress response
DNA damage stimulus response
rRNA processing
ncRNA processing
tRNA processing
RNA splicing
mRNA processing
-15
-10
-5
0
Log (adj.p-value)
B
Down-regulated
Protein transport
Nucleic acid transport
Ion transport
Vesicle-mediated transport
Cell cycle process
Cell death
Apoptosis
Protein complex assembly
Protein folding
Protein polymerization
Macromolecular organization
Macromolecular complex assembly
Phospholipid metabolic process
Fatty acid biosynthetic process
Acetyl-CoA metabolic process
Lipid biosynthetic process
Cell redox homeostasis
Oxidation reduction
-10
-5
0
Log (adj.p-value)
C
Up-regulated
V-type ATPase complex
Proteasome complex
Lysosome
Endosome
Nuclear lumen
-30
-20
-10
0
Log (adj.p-value)