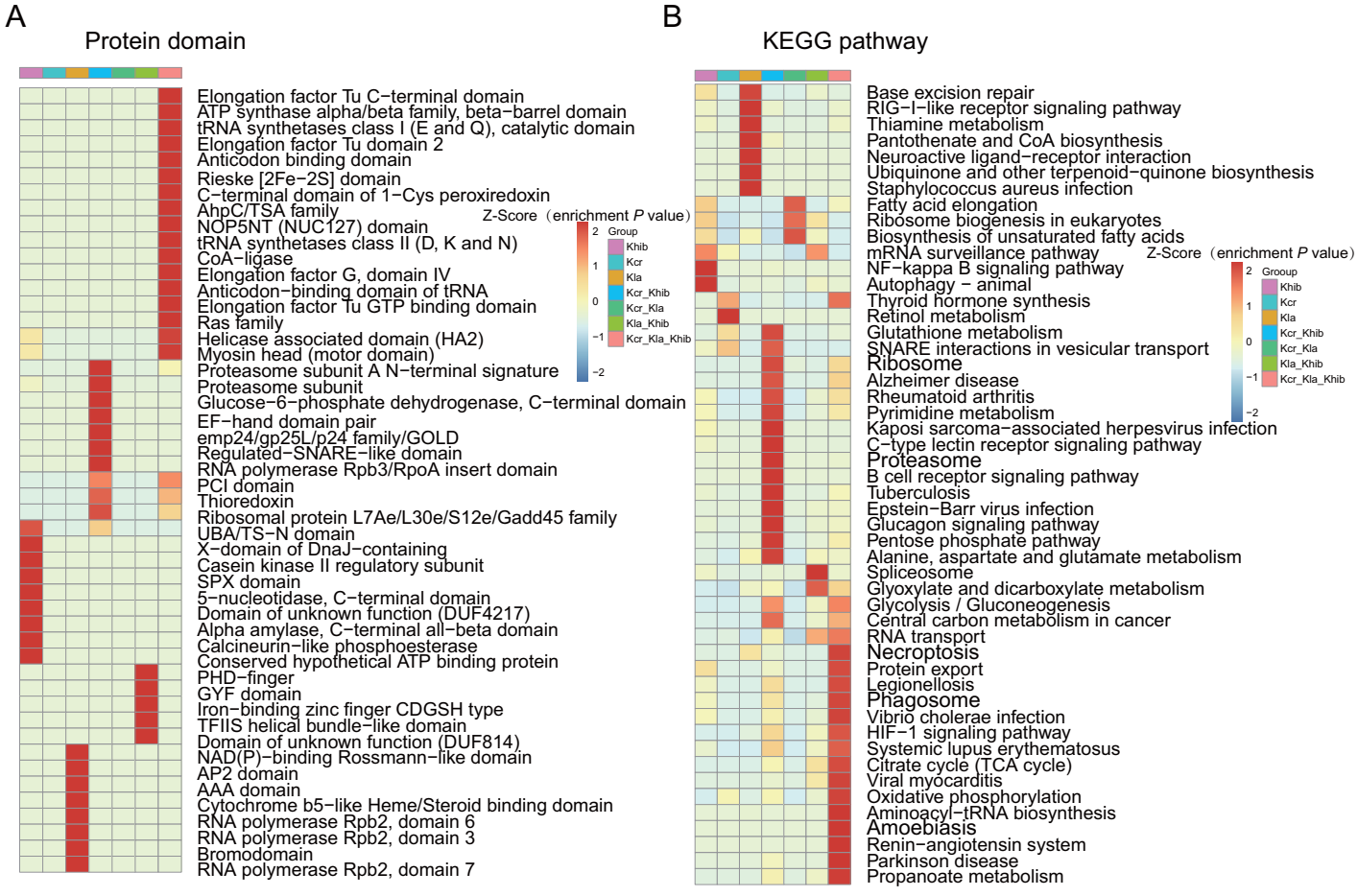
A
Protein domain
Elongation factor Tu C−terminal domain
ATP synthase alpha/beta family, beta−barrel domain
tRNA synthetases class I (E and Q), catalytic domain
Elongation factor Tu domain 2
Anticodon binding domain
Rieske [2Fe−2S] domain
C−terminal domain of 1−Cys peroxiredoxin
AhpC/TSA family
NOP5NT (NUC127) domain
tRNA synthetases class II (D, K and N)
CoA−ligase
Elongation factor G, domain IV
Anticodon−binding domain of tRNA
Elongation factor Tu GTP binding domain
Ras family
Helicase associated domain (HA2)
Myosin head (motor domain)
Proteasome subunit A N−terminal signature
Proteasome subunit
Glucose−6−phosphate dehydrogenase, C−terminal domain
EF−hand domain pair
emp24/gp25L/p24 family/GOLD
Regulated−SNARE−like domain
RNA polymerase Rpb3/RpoA insert domain
PCI domain
Thioredoxin
Ribosomal protein L7Ae/L30e/S12e/Gadd45 family
UBA/TS−N domain
X−domain of DnaJ−containing
Casein kinase II regulatory subunit
SPX domain
5−nucleotidase, C−terminal domain
Domain of unknown function (DUF4217)
Alpha amylase, C−terminal all−beta domain
Calcineurin−like phosphoesterase
Conserved hypothetical ATP binding protein
PHD−finger
GYF domain
Iron−binding zinc finger CDGSH type
TFIIS helical bundle−like domain
Domain of unknown function (DUF814)
NAD(P)−binding Rossmann−like domain
AP2 domain
AAA domain
Cytochrome b5−like Heme/Steroid binding domain
RNA polymerase Rpb2, domain 6
RNA polymerase Rpb2, domain 3
Bromodomain
RNA polymerase Rpb2, domain 7
Z-Score（enrichment P value）
2
1
0
−1
−2
Group
Khib
Kcr
Kla
Kcr_Khib
Kcr_Kla
Kla_Khib
Kcr_Kla_Khib
B
KEGG pathway
Base excision repair
RIG−I−like receptor signaling pathway
Thiamine metabolism
Pantothenate and CoA biosynthesis
Neuroactive ligand−receptor interaction
Ubiquinone and other terpenoid−quinone biosynthesis
Staphylococcus aureus infection
Fatty acid elongation
Ribosome biogenesis in eukaryotes
Biosynthesis of unsaturated fatty acids
mRNA surveillance pathway
NF−kappa B signaling pathway
Autophagy − animal
Thyroid hormone synthesis
Retinol metabolism
Glutathione metabolism
SNARE interactions in vesicular transport
Ribosome
Alzheimer disease
Rheumatoid arthritis
Pyrimidine metabolism
Kaposi sarcoma−associated herpesvirus infection
C−type lectin receptor signaling pathway
Proteasome
B cell receptor signaling pathway
Tuberculosis
Epstein−Barr virus infection
Glucagon signaling pathway
Pentose phosphate pathway
Alanine, aspartate and glutamate metabolism
Spliceosome
Glyoxylate and dicarboxylate metabolism
Glycolysis / Gluconeogenesis
Central carbon metabolism in cancer
RNA transport
Necroptosis
Protein export
Legionellosis
Phagosome
Vibrio cholerae infection
HIF−1 signaling pathway
Systemic lupus erythematosus
Citrate cycle (TCA cycle)
Viral myocarditis
Oxidative phosphorylation
Aminoacyl−tRNA biosynthesis
Amoebiasis
Renin−angiotensin system
Parkinson disease
Propanoate metabolism
Z-Score（enrichment P value）
2
1
0
−1
−2
Grooup
Khib
Kcr
Kla
Kcr_Khib
Kcr_Kla
Kla_Khib
Kcr_Kla_Khib