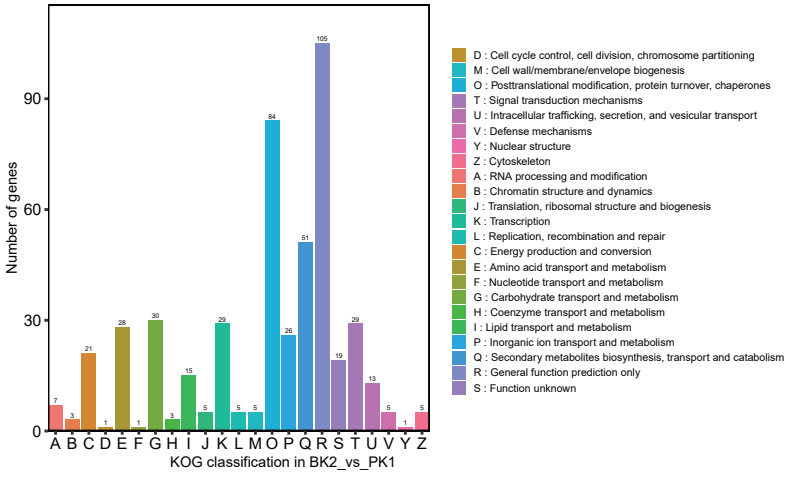
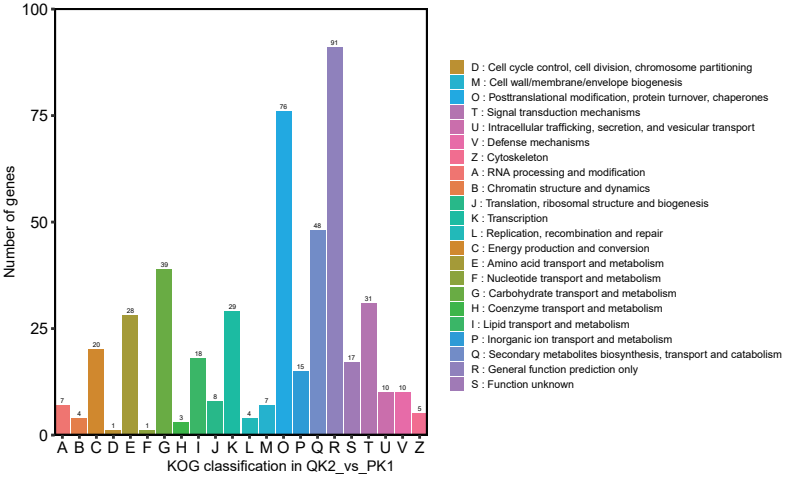
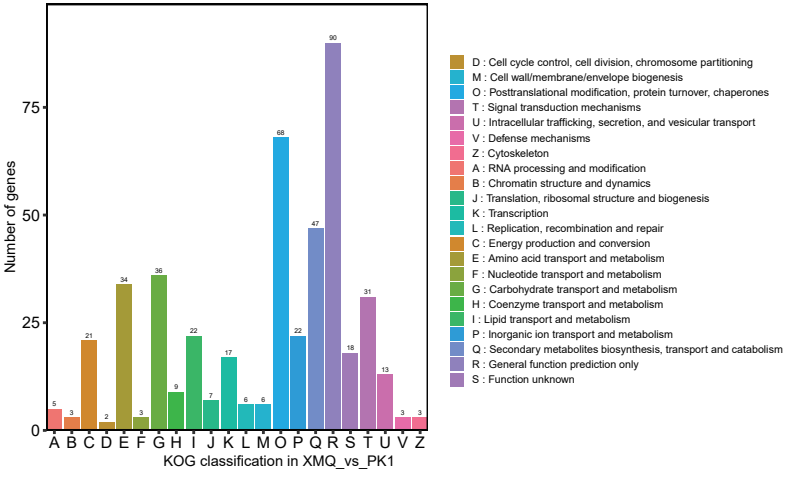
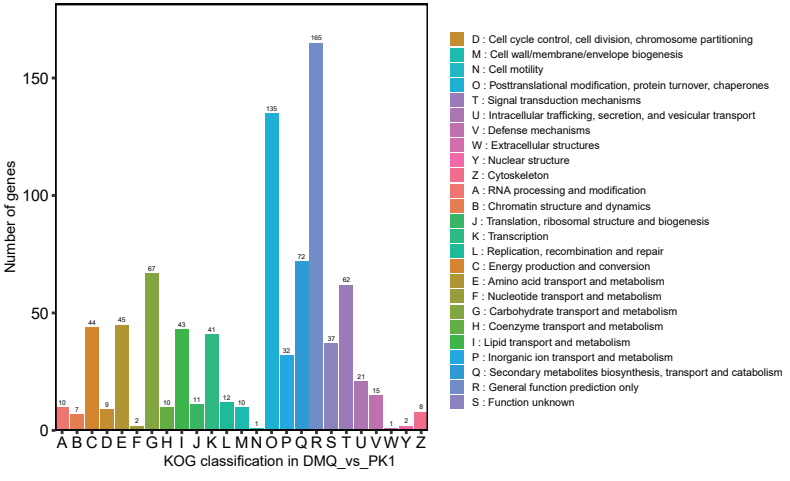
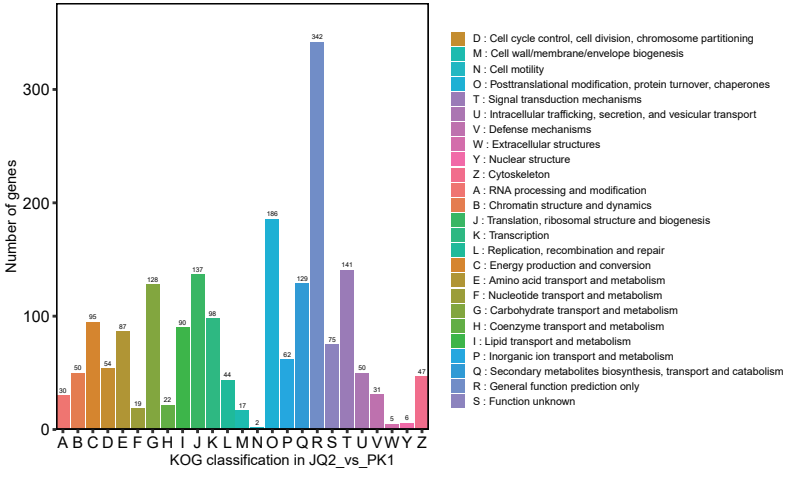
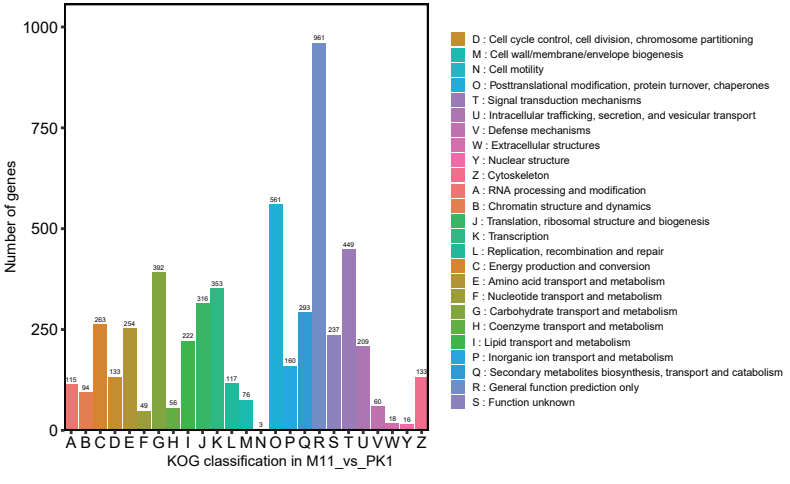

Number of genes
KOG classification in BK2_vs_PK1
D : Cell cycle control, cell division, chromosome partitioning
M : Cell wall/membrane/envelope biogenesis
O : Posttranslational modification, protein turnover, chaperones
T : Signal transduction mechanisms
U : Intracellular trafficking, secretion, and vesicular transport
V : Defense mechanisms
Y : Nuclear structure
Z : Cytoskeleton
A : RNA processing and modification
B : Chromatin structure and dynamics
J : Translation, ribosomal structure and biogenesis
K : Transcription
L : Replication, recombination and repair
C : Energy production and conversion
E : Amino acid transport and metabolism
F : Nucleotide transport and metabolism
G : Carbohydrate transport and metabolism
H : Coenzyme transport and metabolism
I : Lipid transport and metabolism
P : Inorganic ion transport and metabolism
Q : Secondary metabolites biosynthesis, transport and catabolism
R : General function prediction only
S : Function unknown


Number of genes
KOG classification in QK2_vs_PK1
D : Cell cycle control, cell division, chromosome partitioning
M : Cell wall/membrane/envelope biogenesis
O : Posttranslational modification, protein turnover, chaperones
T : Signal transduction mechanisms
U : Intracellular trafficking, secretion, and vesicular transport
V : Defense mechanisms
Z : Cytoskeleton
A : RNA processing and modification
B : Chromatin structure and dynamics
J : Translation, ribosomal structure and biogenesis
K : Transcription
L : Replication, recombination and repair
C : Energy production and conversion
E : Amino acid transport and metabolism
F : Nucleotide transport and metabolism
G : Carbohydrate transport and metabolism
H : Coenzyme transport and metabolism
I : Lipid transport and metabolism
P : Inorganic ion transport and metabolism
Q : Secondary metabolites biosynthesis, transport and catabolism
R : General function prediction only
S : Function unknown


Number of genes
KOG classification in XMQ_vs_PK1
D : Cell cycle control, cell division, chromosome partitioning
M : Cell wall/membrane/envelope biogenesis
O : Posttranslational modification, protein turnover, chaperones
T : Signal transduction mechanisms
U : Intracellular trafficking, secretion, and vesicular transport
V : Defense mechanisms
Z : Cytoskeleton
A : RNA processing and modification
B : Chromatin structure and dynamics
J : Translation, ribosomal structure and biogenesis
K : Transcription
L : Replication, recombination and repair
C : Energy production and conversion
E : Amino acid transport and metabolism
F : Nucleotide transport and metabolism
G : Carbohydrate transport and metabolism
H : Coenzyme transport and metabolism
I : Lipid transport and metabolism
P : Inorganic ion transport and metabolism
Q : Secondary metabolites biosynthesis, transport and catabolism
R : General function prediction only
S : Function unknown


Number of genes
KOG classification in DMQ_vs_PK1
D : Cell cycle control, cell division, chromosome partitioning
M : Cell wall/membrane/envelope biogenesis
N : Cell motility
O : Posttranslational modification, protein turnover, chaperones
T : Signal transduction mechanisms
U : Intracellular trafficking, secretion, and vesicular transport
V : Defense mechanisms
W : Extracellular structures
Y : Nuclear structure
Z : Cytoskeleton
A : RNA processing and modification
B : Chromatin structure and dynamics
J : Translation, ribosomal structure and biogenesis
K : Transcription
L : Replication, recombination and repair
C : Energy production and conversion
E : Amino acid transport and metabolism
F : Nucleotide transport and metabolism
G : Carbohydrate transport and metabolism
H : Coenzyme transport and metabolism
I : Lipid transport and metabolism
P : Inorganic ion transport and metabolism
Q : Secondary metabolites biosynthesis, transport and catabolism
R : General function prediction only
S : Function unknown


Number of genes
KOG classification in JQ2_vs_PK1
D : Cell cycle control, cell division, chromosome partitioning
M : Cell wall/membrane/envelope biogenesis
N : Cell motility
O : Posttranslational modification, protein turnover, chaperones
T : Signal transduction mechanisms
U : Intracellular trafficking, secretion, and vesicular transport
V : Defense mechanisms
W : Extracellular structures
Y : Nuclear structure
Z : Cytoskeleton
A : RNA processing and modification
B : Chromatin structure and dynamics
J : Translation, ribosomal structure and biogenesis
K : Transcription
L : Replication, recombination and repair
C : Energy production and conversion
E : Amino acid transport and metabolism
F : Nucleotide transport and metabolism
G : Carbohydrate transport and metabolism
H : Coenzyme transport and metabolism
I : Lipid transport and metabolism
P : Inorganic ion transport and metabolism
Q : Secondary metabolites biosynthesis, transport and catabolism
R : General function prediction only
S : Function unknown


Number of genes
KOG classification in M11_vs_PK1
D : Cell cycle control, cell division, chromosome partitioning
M : Cell wall/membrane/envelope biogenesis
N : Cell motility
O : Posttranslational modification, protein turnover, chaperones
T : Signal transduction mechanisms
U : Intracellular trafficking, secretion, and vesicular transport
V : Defense mechanisms
W : Extracellular structures
Y : Nuclear structure
Z : Cytoskeleton
A : RNA processing and modification
B : Chromatin structure and dynamics
J : Translation, ribosomal structure and biogenesis
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L : Replication, recombination and repair
C : Energy production and conversion
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G : Carbohydrate transport and metabolism
H : Coenzyme transport and metabolism
I : Lipid transport and metabolism
P : Inorganic ion transport and metabolism
Q : Secondary metabolites biosynthesis, transport and catabolism
R : General function prediction only
S : Function unknown