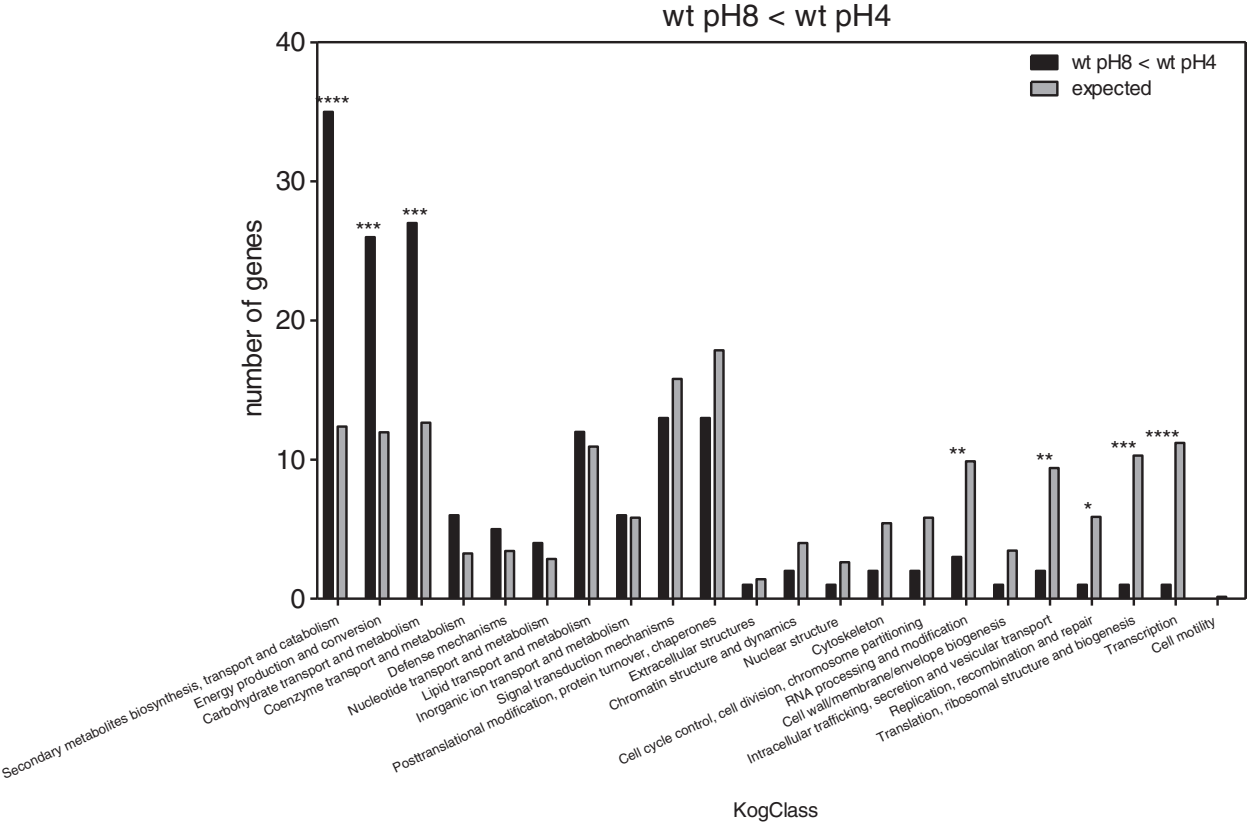
wt pH8 < wt pH4
wt pH8 < wt pH4
expected
number of genes
0
10
20
30
40
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Secondary metabolites biosynthesis, transport and catabolism
Energy production and conversion
Carbohydrate transport and metabolism
Coenzyme transport and metabolism
Defense mechanisms
Nucleotide transport and metabolism
Lipid transport and metabolism
Inorganic ion transport and metabolism
Signal transduction mechanisms
Posttranslational modification, protein turnover, chaperones
Extracellular structures
Chromatin structure and dynamics
Nuclear structure
Cytoskeleton
Cell cycle control, cell division, chromosome partitioning
RNA processing and modification
Cell wall/membrane/envelope biogenesis
Intracellular trafficking, secretion and vesicular transport
Replication, recombination and repair
Translation, ribosomal structure and biogenesis
Transcription
Cell motility
KogClass