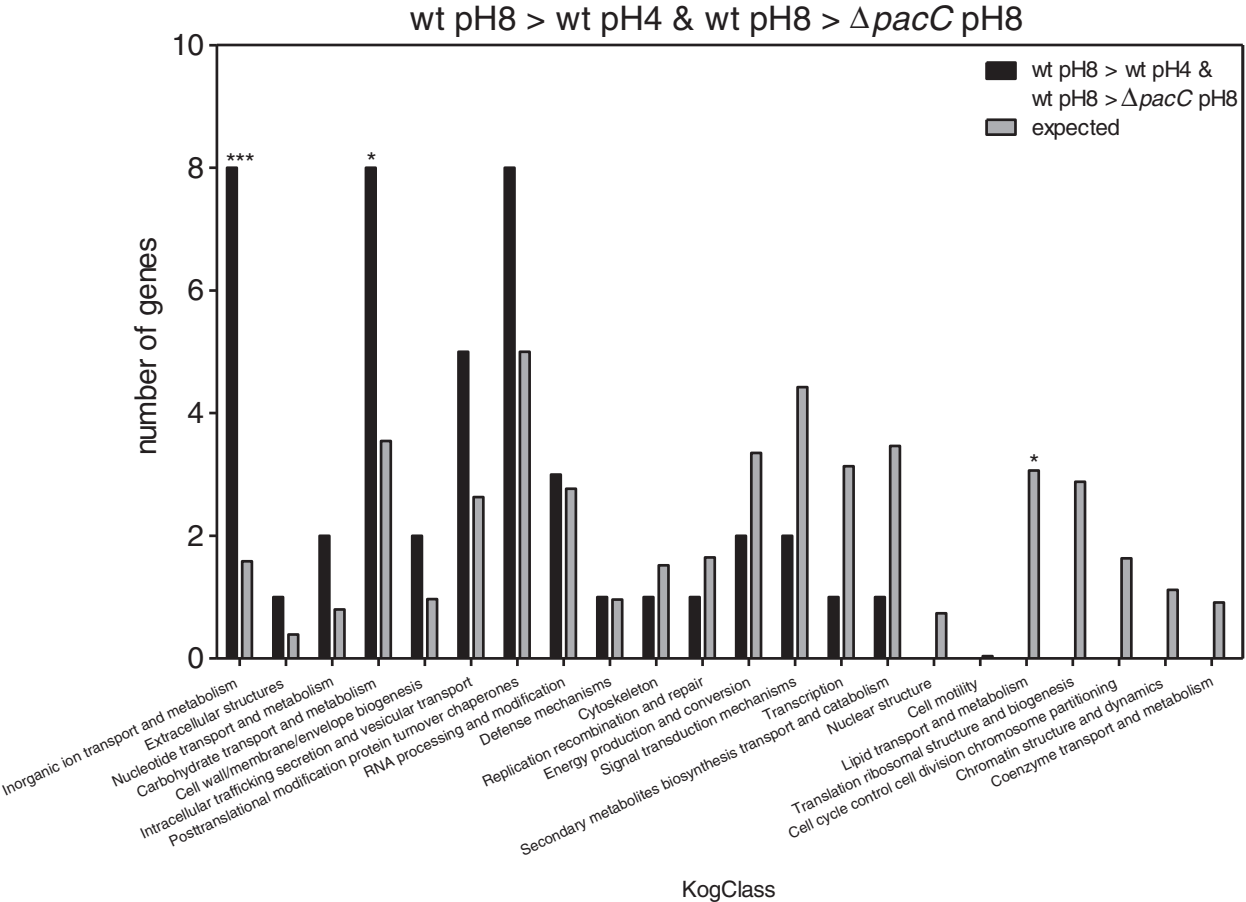
wt pH8 > wt pH4 & wt pH8 > ΔpacC pH8
wt pH8 > wt pH4 &
wt pH8 > ΔpacC pH8
expected
number of genes
0
2
4
6
8
10
***
*
*
Inorganic ion transport and metabolism
Extracellular structures
Nucleotide transport and metabolism
Carbohydrate transport and metabolism
Cell wall/membrane/envelope biogenesis
Intracellular trafficking secretion and vesicular transport
Posttranslational modification protein turnover chaperones
RNA processing and modification
Defense mechanisms
Cytoskeleton
Replication recombination and repair
Energy production and conversion
Signal transduction mechanisms
Transcription
Secondary metabolites biosynthesis transport and catabolism
Nuclear structure
Cell motility
Lipid transport and metabolism
Translation ribosomal structure and biogenesis
Cell cycle control cell division chromosome partitioning
Chromatin structure and dynamics
Coenzyme transport and metabolism
KogClass