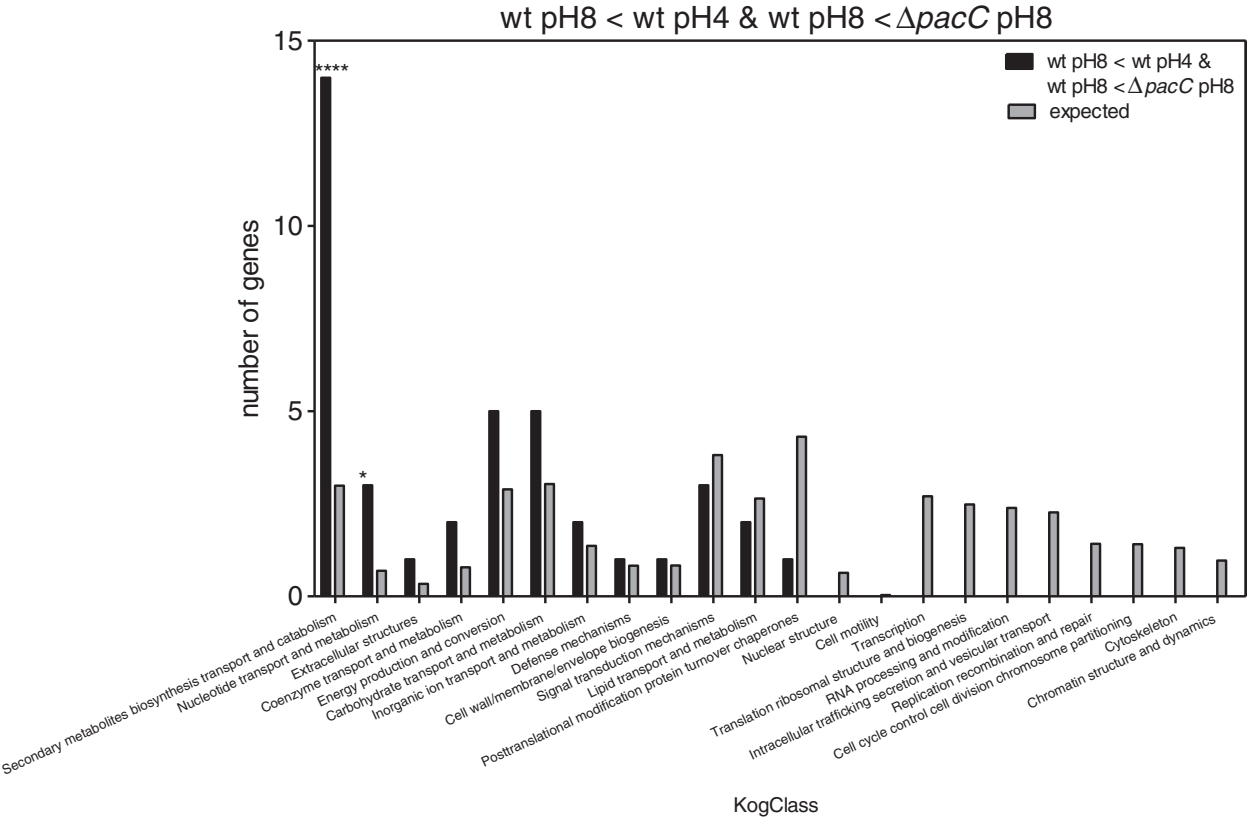
wt pH8 < wt pH4 & wt pH8 < ΔpacC pH8
wt pH8 < wt pH4 & wt pH8 < ΔpacC pH8
expected
number of genes
15
10
5
0
****
*
Secondary metabolites biosynthesis transport and catabolism
Nucleotide transport and metabolism
Extracellular structures
Coenzyme transport and metabolism
Energy production and conversion
Carbohydrate transport and metabolism
Inorganic ion transport and metabolism
Defense mechanisms
Cell wall/membrane/envelope biogenesis
Signal transduction mechanisms
Lipid transport and metabolism
Posttranslational modification protein turnover chaperones
Nuclear structure
Cell motility
Transcription
Translation ribosomal structure and biogenesis
RNA processing and modification
Intracellular trafficking secretion and vesicular transport
Replication recombination and repair
Cell cycle control cell division chromosome partitioning
Cytoskeleton
Chromatin structure and dynamics
KogClass