

Citrobacter

Salmonella typhi

**Figure S1.** ROC curves showing the accuracy of 6 methods for predicting essential genes in different genomes from the Enterobacteriaceae family. True positives are genes that are predicted as essential and whose orthologs are essential in ecogene database of essential genes for E. coli K-12. False positives are genes that are predicted as essential, but are classed as non-essential in EcoGene.