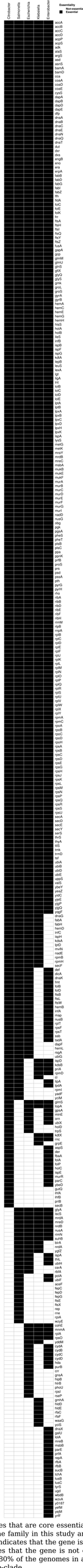

Figure S12. List of genes that are core essential in at least one sub-clade of the Enterobacteriaceae family in this study and their essentiality status in all sub-clades. Black indicates that the gene is core essential in that sub-clade and white indicates that the gene is not core essential. Genes that are essential in at least 80% of the genomes in a sub-clade are considered core essential in that sub-clade.