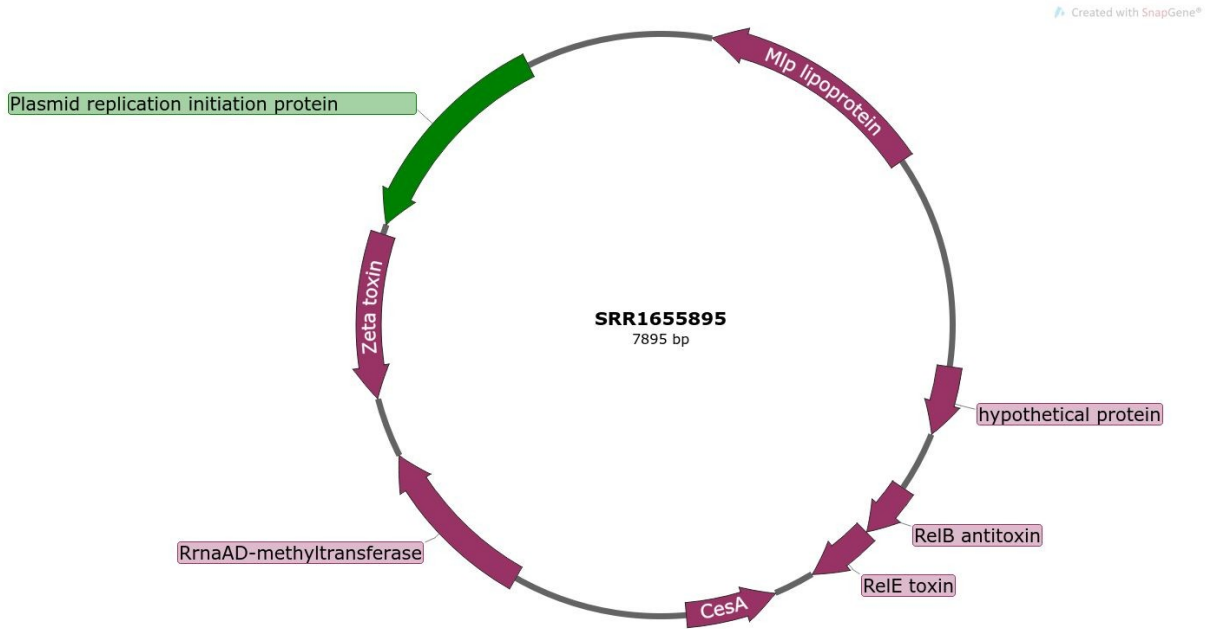
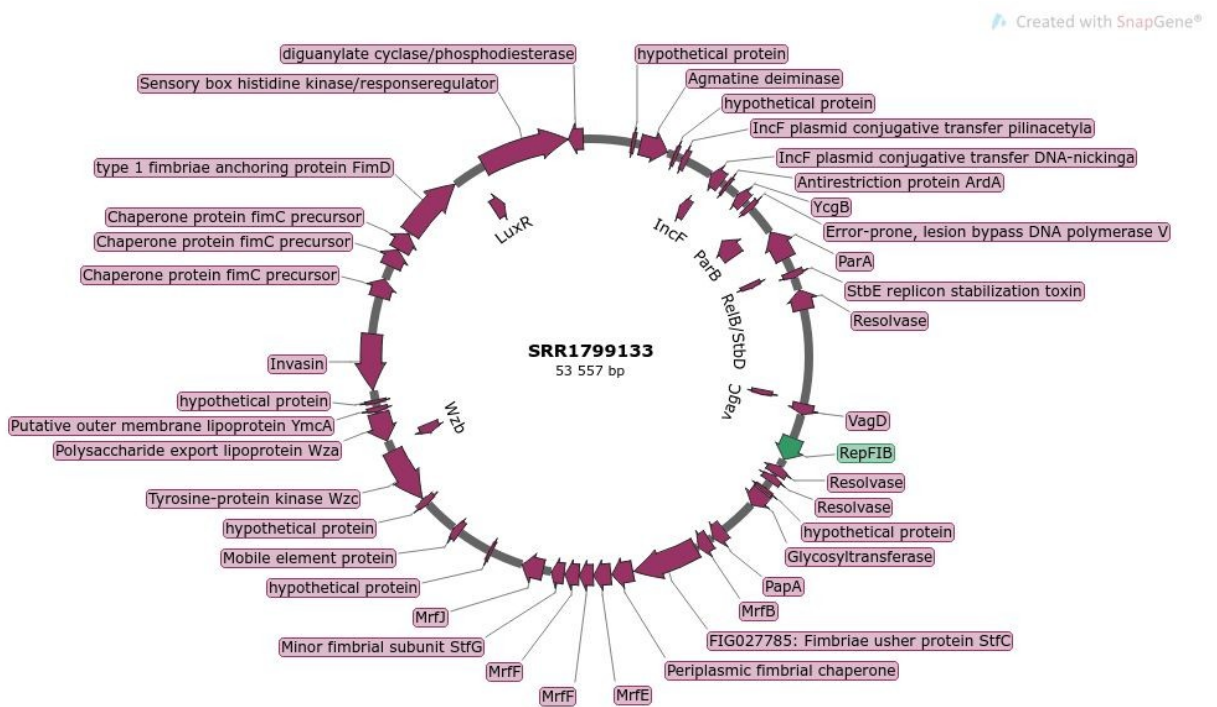


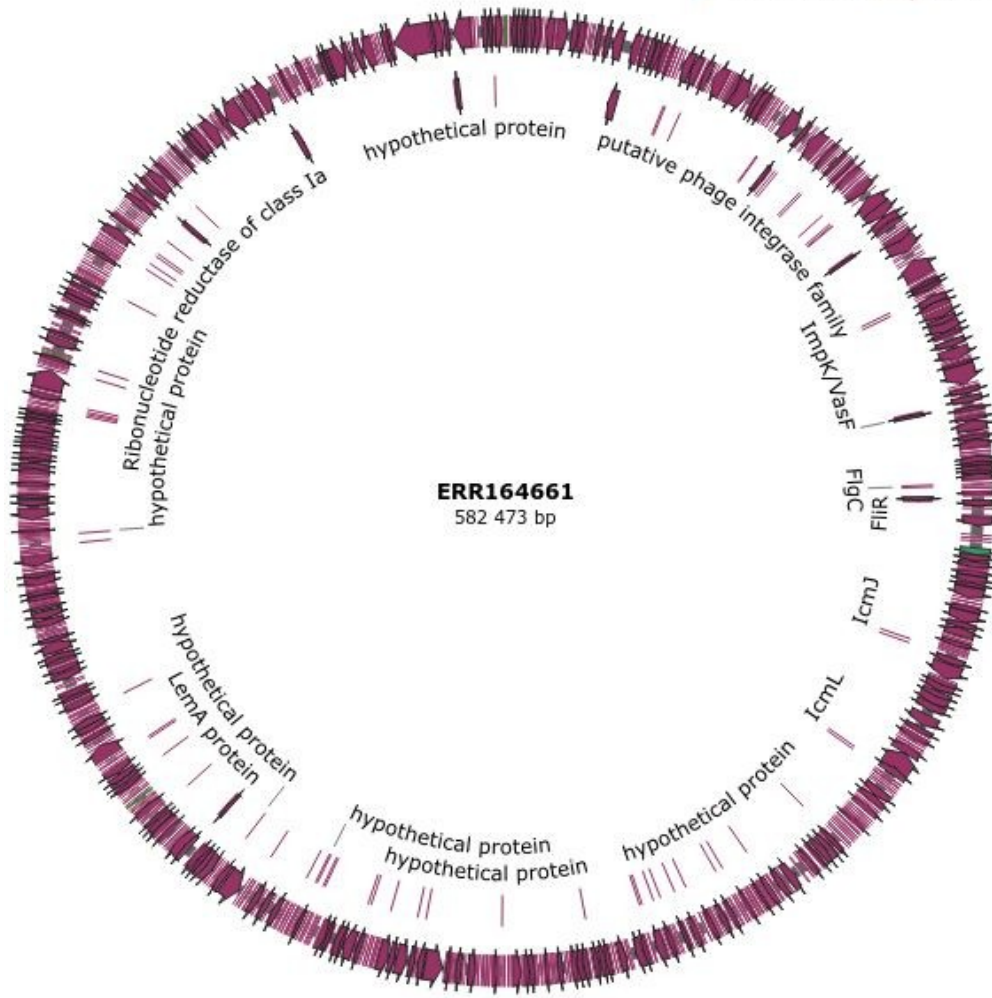
A



B



C



D

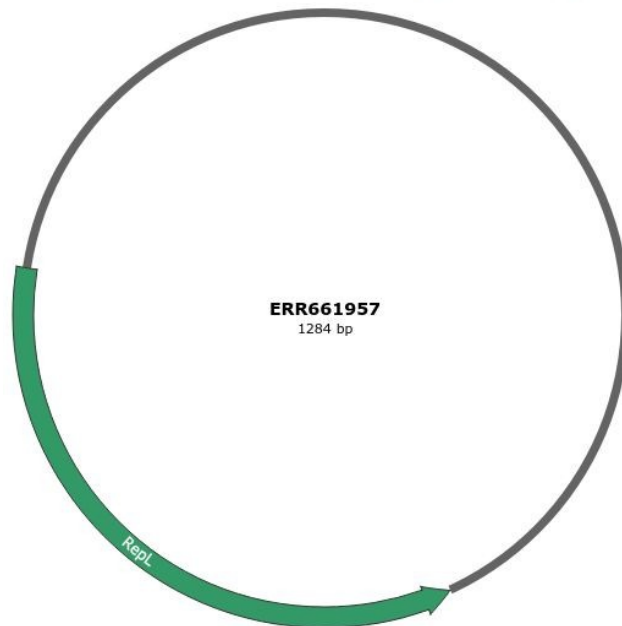


Figure S1. Maps of the example plasmids from the ISOLATES dataset.

Plasmid replication proteins are highlighted in green. (A) 7,895 bp long plasmid from *Streptococcus pseudopneumoniae* clinical isolate, (B) 53,557 bp long plasmid from *Enterobacter sp.* CC120223-11, (C) 582 kb long plasmid from halophilic marine gammaproteobacteria *Ferrimonas marina*, strain DSM 16917, (D) 1284 bp long plasmid from the fish pathogen *Ca. Ichthyocystis* 2013Ark19i. The maps built with the SnapGene software (GSL Biotech, snapgene.com).