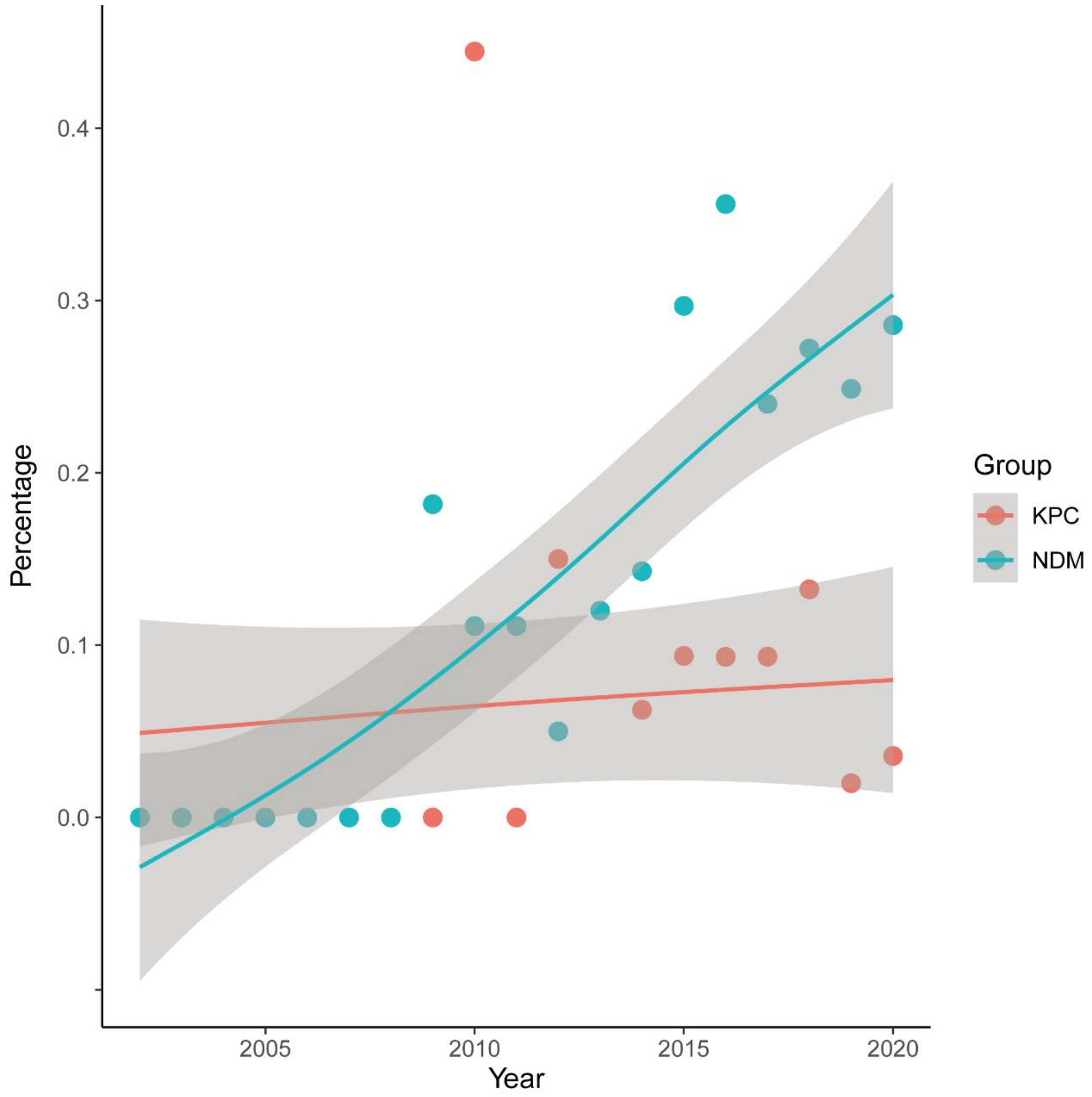

Fig. S1. Distribution of NDM and KPC positive CG147 isolates between 2000 and 2020. Verdigris dot: NDM; red: KPC.

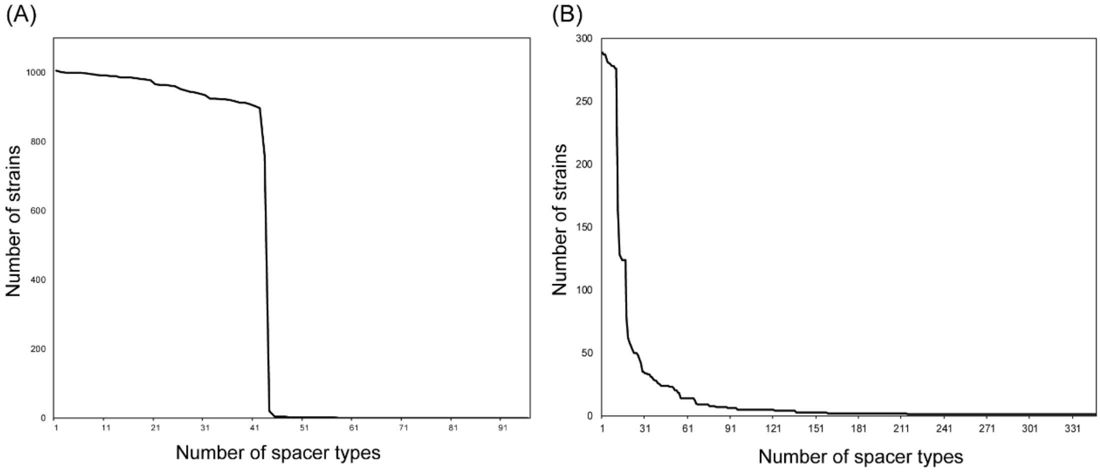

Fig. S2. Distribution of spacers of (A) type I-E CRISPR-Cas arrays and (B) type IV-A3 CRISPR-Cas arrays in CG147.

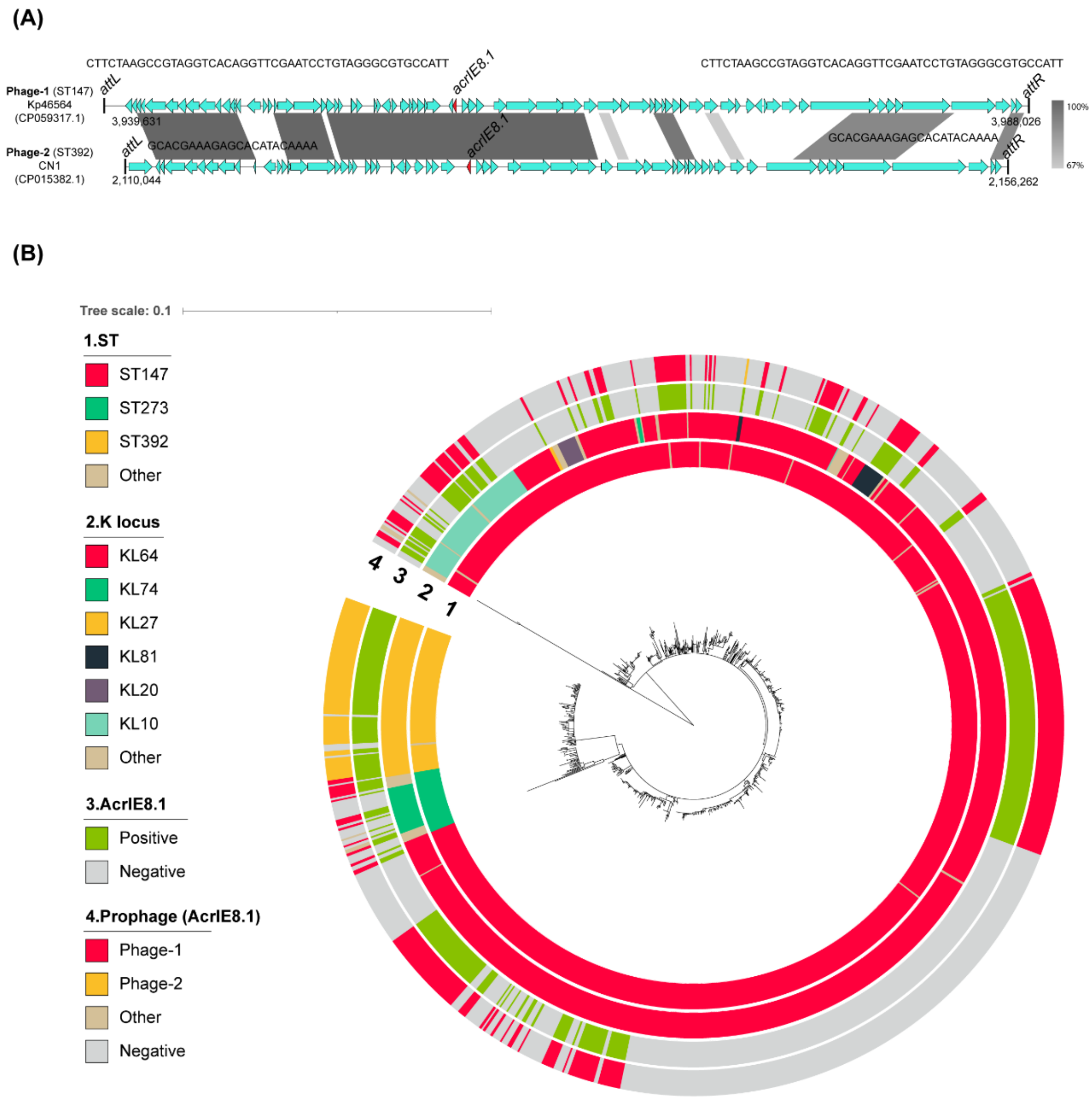

Fig. S3. Prophages in CG147 strains. (A) Alignment of two major types of *acrIE8.1* carrying prophages. (B) The distribution of *acrIE8.1* and the containing prophages in 1,012 CG147 strains with different STs and K locus.