Supplementary Figure 1 Amino acid sequence alignments of *K. pneumoniae* chromosomal genes associated with colistin susceptibility.

The reference gene sequences are from strain MGH 78578 (GenBank accession number CP000647.1). The species, *mcr* variants, strain names and the colistin
MIC values of the *mcr*-carrying isolates in this study are labeled. Identical bases are indicated by dots. (A) *phoP* (B) *phoQ* (C) *pmrA* (D) *pmrB* (E) *mgrB*
Supplementary Figure 2 Characterization of mcr genetic contexts in this study

The plasmid name and incompatibility groups are labeled for each sequence. The genes and genetic elements are colored as follows: red for mcr, green for the mobile genetic elements (MGEs), orange for the mcr adjacent genes, and gray for the hypothetical proteins. Grey shadings connect highly similar sequences. (A) mcr-1 (B) mcr-8 (C) mcr-9 (D) mcr-10