



**Supplementary Figure 1. Geographic and temporal distributions of the 741 *mcr-1*-positive isolates in the China dataset.** **a)** Geographic distribution of the three main *mcr-1* hosts. A map of the coordinates was generated using R software. The 9 main provinces are indicated by different colors to show the ratios of various hosts. **b)** Geographic distribution of the three main bacterial genera containing *mcr-1*-positive assemblies. A map of the coordinates was generated using R software. The nine main provinces are indicated with different colors to show the ratios of different bacterial genera. **c)** Temporal distribution of the three main *mcr-1* hosts. For each year, the number and percentage of each hosts are included. **d)** Temporal distribution of the percentages of the three main bacterial genera carrying *mcr-1*-positive assemblies.