

Table S4. Statistical analyses of resistome diversity, abundance, and relative richness

Species	Resistome diversity (# ARGs)	Resistome abundance (Total sum of ARGs)	Resistome richness (relative resistome abundance ratio)	
<i>Providencia</i> spp.	70	559	7.99	
<i>C. freundii</i>	58	2741	47.26	
<i>E. hormaechei</i>	48	6275	130.73	
<i>P. mirabilis</i>	46	1306	28.39	
<i>E. steigerwaltii/oharae</i>	44	1588	36.09	
<i>E. xiangfangensis</i>	38	1168	30.74	
<i>K. variicola</i>	36	3079	85.53	
<i>M. morgani</i>	33	336	10.18	
<i>C. amalonaticus</i>	22	196	8.91	
<i>C. koseri</i>	20	95	4.75	
Test	Chi-square; Chi-square, df	1072, 18; P value	<0,0001; Statistically significant (P < 0.05)?	Yes;
Number of rows	10;	Number of columns	3	