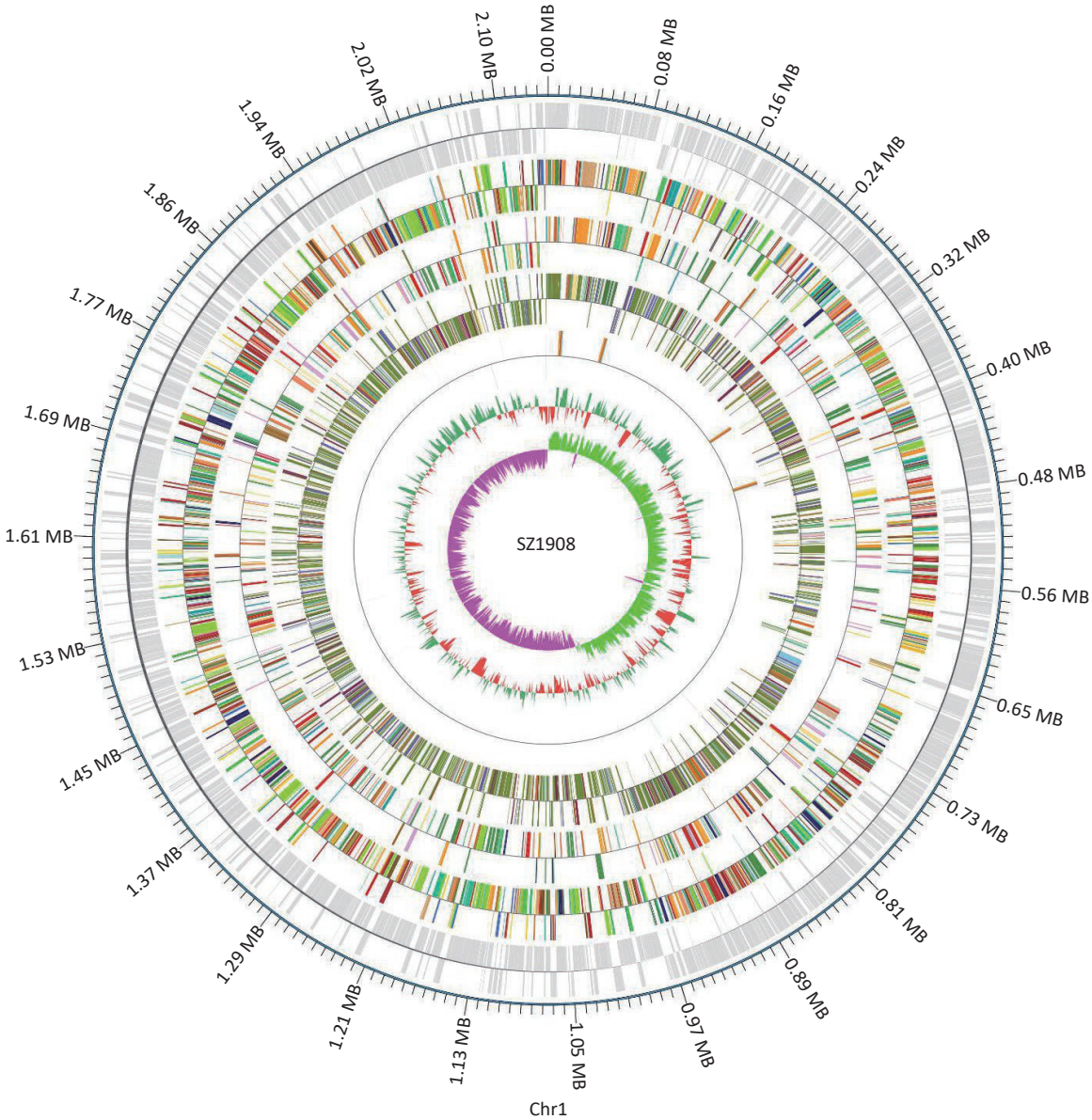
Supplementary Table S1. Sensitivity of SZ1908 to antibiotics

Antibiotics	Results of MIC	Sensitivity	Breakpoint (CLSI 2021)		
			S	I	R
Amoxicillin	≤ 0.25	Sensitive	0.25	0.5--4	8
Cefepime	≤ 0.5	Sensitive	1	2	4
Cefotaxime	≤ 0.5	Sensitive	1	2	4
Chloramphenicol	4	Sensitive	4	8	16
Clindamycin	> 1	Resistance	0.25	0.5	1
Erythromycin	> 4	Resistance	0.25	0.5	1
Meropenem	≤ 0.0625	Sensitive	0.5	--	--
Tetracycline	> 8	Resistance	2	4	8
Vancomycin	≤ 0.5	Sensitive	1	--	--
Levofloxacin	≤ 0.5	Sensitive	2	4	8
Linezolid	≤ 1	Sensitive	2	--	--
Penicillin	0.0625	Sensitive	0.12	0.25--2	4

Note. S: susceptible; I: intermediate; R: resistant.

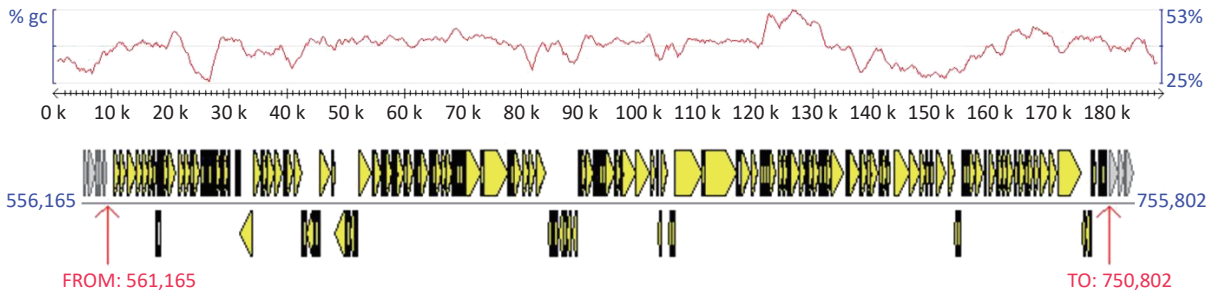
Supplementary Table S2. Loci of antimicrobial resistance genes in the SZ1908 genome

Resistance gene	Position in SZ1908	Phenotype
aph(3')-III	646676..647470	Aminoglycoside resistance
ant(6)-Ia	648102..649010	Aminoglycoside resistance
mef(A)	595139..596356	Macrolide resistance
msr(D)	596476..597939	Macrolide, Lincosamide and Streptogramin B resistance
erm(B)	649315..650052	Macrolide resistance
tet(40)	683094..684314	Tetracycline resistance
tet(O)	681124..683043	Tetracycline resistance



Supplementary Figure S1. Circular representation of the genome of SZ1908. From the outer to inner layers, the circle shows genes, COG, KEGG, GO, and ncRNA.

Supplementary Figure S2. Colinearize Alignment of the genome of SZ1908 with SC070731 and CS100322.



Supplementary Figure S3. Character of ICE containing 7 ARGs in SZ1908.