

Table S1. Numbers of ARG drug classes detected in six samples.

Drug class	SZ1	SZ2	SZ3	WH1	WH2	WH3
Aminocoumarin	1	0	1	0	0	0
Aminoglycoside	32	34	16	31	30	32
Carbapenem	5	13	5	10	9	5
Cephalosporin	13	13	0	22	19	17
Cephameycin	1	1	7	3	2	2
Diaminopyrimidine	2	4	2	7	5	6
Fluoroquinolone	9	14	10	12	9	5
Fosfomycin	1	1	0	2	2	1
Fusidic acid	1	1	0	0	0	0
Glycopeptide	4	5	4	12	12	10
Glycylcycline	3	3	3	5	5	2
Lincosamide	8	7	6	8	10	8
Macrolide	36	46	23	39	36	35
Monobactam	7	6	2	8	5	3
Mupirocin	1	1	1	2	2	1
Nitroimidazole	1	1	1	0	1	1
Nucleoside	2	2	0	5	4	1
Oxazolidinone	0	0	0	1	1	1
Para-aminosalicylic acid	1	1	0	0	0	0
Penam	4	4	3	7	4	4
Peptide	8	9	3	11	6	7
Phenicol	9	8	3	10	10	8
Pleuromutilin	1	1	1	0	0	0
Rifamycin	2	3	3	1	2	3
Streptogramin	4	3	0	1	1	1
Sulfonamide	3	3	3	3	3	3
Tetracycline	16	15	6	15	16	14
Triclosan	1	3	1	1	1	0

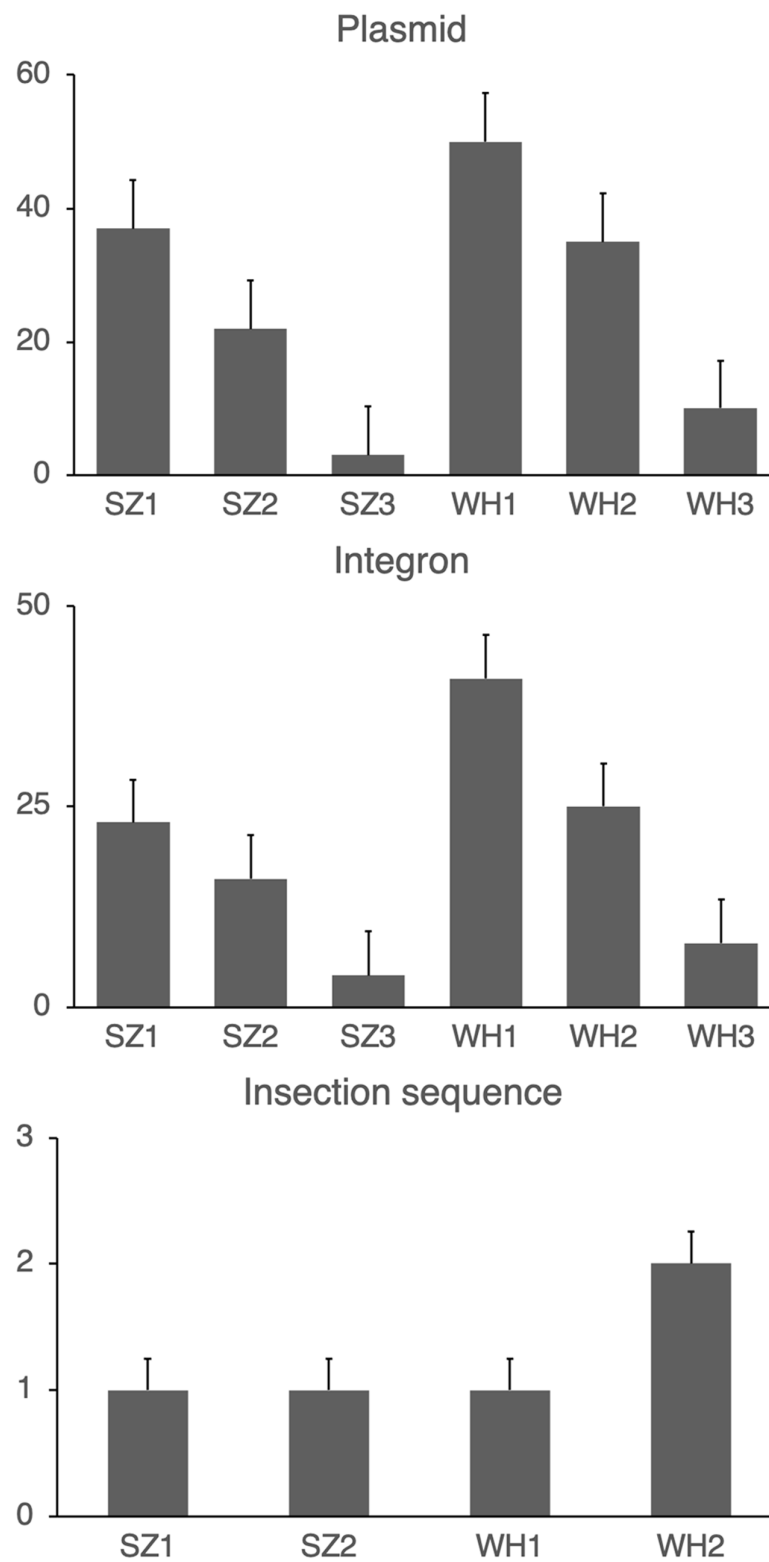


Figure S1. The numbers of MGEs in six samples.

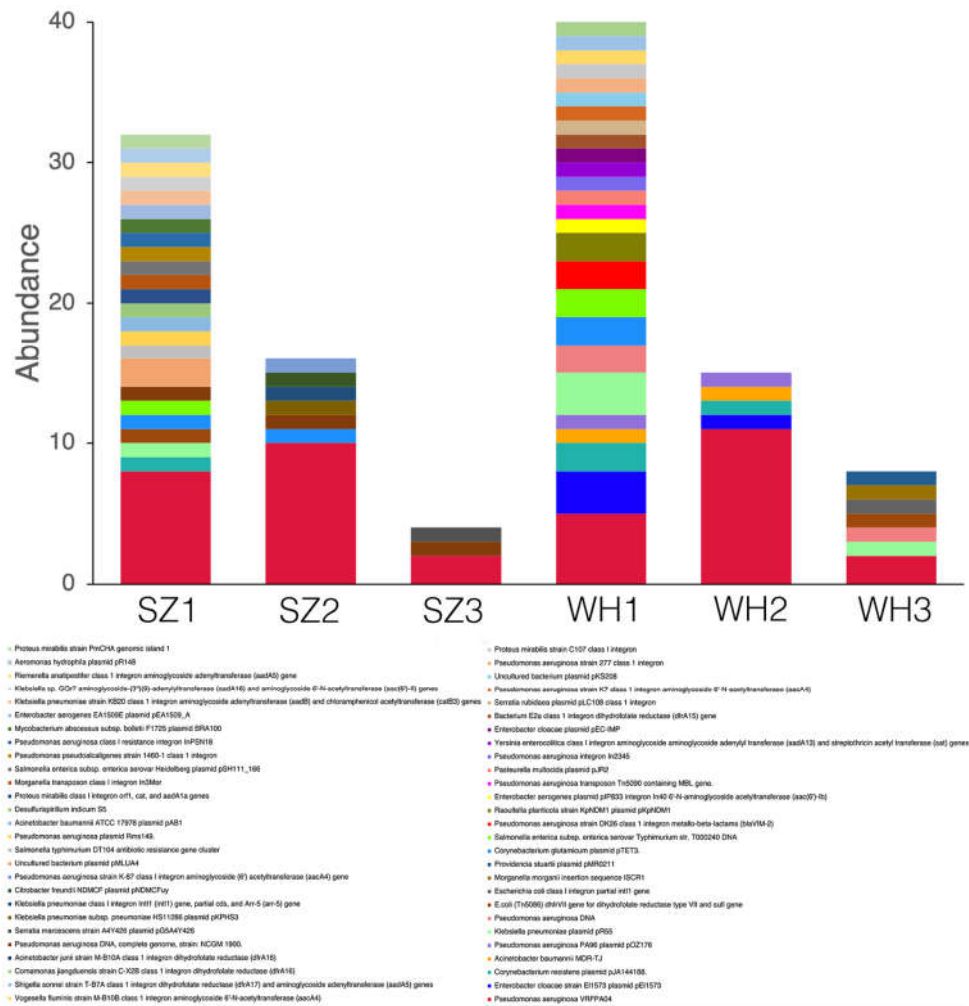


Figure S2. The abundance of integrons in six samples.

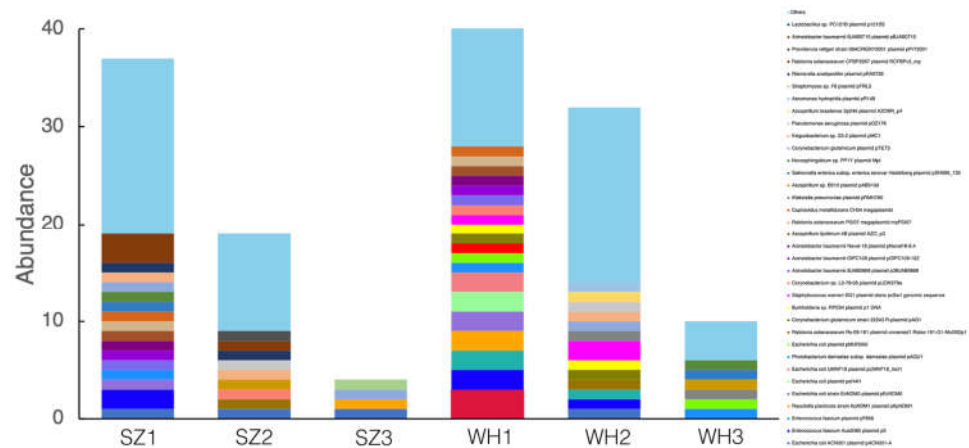


Figure S3. The abundance of plasmids in six samples.