



Table S2. Drug resistance genes and *Salmonella* multidrug-resistant genomic island 1 detected in strains of *Salmonella* Kentucky ST198

Strain	Gene about fluoroquinolones			SGI
	<i>gyrA</i>	<i>parC</i>	PMQR	
SH14G2115	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile	<i>aac(6')-Ib-cr</i>	
SH16G2622		Tyr62Ser		
SH11SF316		Tyr62Ser	<i>aac(6')-Ib-cr</i>	
SH14G1773	Ser83Phe	Tyr62Ser		
SH13G513	Ser83Phe	Tyr62Ser		
YL13T014	Ser83Phe	Tyr62Ser	<i>aac(6')-Ib-cr, qnrS</i>	
2016THC5	Ser83Phe	Tyr62Ser	<i>aac(6')-Ib-cr</i>	
SH10SF302	His78Asn, Ser83Phe	Tyr62Ser		
YL13T055	Ser83Phe	Tyr62Ser	<i>aac(6')-Ib-cr, qnrS</i>	
GDYX1403	Ser83Phe	Tyr62Ser	<i>aac(6')-Ib-cr</i>	
YL14T335	Ser83Phe	Tyr62Ser	<i>aac(6')-Ib-cr</i>	
SH11G1256	Ser83Phe	Tyr62Ser	<i>aac(6')-Ib-cr, qnrS</i>	
GDSG1524		Tyr62Ser		
GDYX0712	Ser83Phe	Tyr62Ser		SGI1-Ks
GDYX0714	Ser83Phe	Tyr62Ser		
SH15G1046	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		SGI1-Ks
SH10G616	Ser83Phe	Tyr62Ser	<i>aac(6')-Ib-cr</i>	
SH16G2899	Ser83Phe	Tyr62Ser		
SH16G3600/#1	Ser83Phe, Asp87Gly	Tyr62Ser, Ser85Ile		
YL13T110	Ser83Phe	Tyr62Ser	<i>aac(6')-Ib-cr, qnrS</i>	
SH16G3319	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile	<i>aac(6')-Ib-cr</i>	SGI1-Ks
SH16G3599	Ser83Phe, Asp87Gly	Tyr62Ser, Ser85Ile		SGI1-Ks
GDBY1128	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile	<i>oqxAB, aac(6')-Ib-cr, qnrS</i>	
SH14G1899		Tyr62Ser		
YL14T387	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		
SH16G1155	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		SGI1-Ks
GDYX1508A	Ser83Phe	Tyr62Ser	<i>qnrB</i>	
GDBY1023	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		SGI1-Ks
SH16G3561	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		SGI1-Ks
SH16G922	Ser83Phe, Asp87Gly	Tyr62Ser, Ser85Ile		
SHG1008		Tyr62Ser, Ser85Ile		SGI1-Ks
SH16G3800		Tyr62Ser, Ser85Ile	<i>oqxAB</i>	
SH16G1490	Ser83Phe, Asp87Gly	Tyr62Ser, Ser85Ile		SGI1-Ps
GDTH1524	Ser83Phe, Asp87Asn, Asp87Gly	Tyr62Ser, Ser85Ile	<i>aac(6')-Ib-cr, qnrB</i>	
SH16G762	Ser83Phe, Asp87Asn	Tyr62Ser		SGI1-Ks
YL14T296	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		
GDTH1504	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		
GDXY1502	Ser83Phe	Tyr62Ser		
SH13G1085	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		
GDTH1603	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		
SH12SF063	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		SGI1-Ks
SH13G1441	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		
YL13T063	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		SGI1-Ks
YL13T071	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		
YL13T276	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		SGI1-Ks
SH16G2529	Ser83Phe, Asp87Tyr	Tyr62Ser, Ser85Ile		
SH12SF062	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		
SH13G1438	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		
GDSZ1607	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile	<i>aac(6')-Ib-cr</i>	
GDSZ1608	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile	<i>aac(6')-Ib-cr</i>	
GDSG1536	Ser83Phe	Tyr62Ser, Ser85Ile	<i>aac(6')-Ib-cr</i>	SGI1-Ks
SH16G2599	Ser83Phe, Asp87Gly	Tyr62Ser, Ser85Ile		
SH16G3509	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		SGI1-Ks
SH12SF228		Tyr62Ser		
SH16G2485	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		
SH16G256	Ser83Phe, Asp87Gly	Tyr62Ser, Ser85Ile		SGI1-Ks
SH16G3589	Ser83Phe, Asp87Gly	Tyr62Ser, Ser85Ile		SGI1-Ks
SH16G3634	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		
SH12SF064	His78Asn, Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile	<i>aac(6')-Ib-cr</i>	
SH16G3333	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile		SGI1-Ks
GDYF1693	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile	<i>oqxAB, aac(6')-Ib-cr</i>	SGI1-Ks
YL14T352	Ser83Phe, Asp87Asn	Tyr62Ser, Ser85Ile	<i>aac(6')-Ib-cr, qnrB</i>	
SH16G993/#1		Ser85Ile	<i>qnrB</i>	