

Supplemental Table S1. Characteristics of Salmonella isolated from slaughtered chickens.

Sample	Serotype	Antimicrobial Resistances Genes ^a	Partial Antimicrobial Resistance Genes	Phenotypic Resistance Profile ^{b,c}	Plasmid Repliconsc	Partial Plasmid Replicons	Chromosomal Point Mutationc	Multi-Locus Sequence Type (MLST)
S38	Albany or Duesseldorf	<i>aac</i> (6')-Iaa; <i>aph</i> (3')-Ia; <i>tet</i> (A)		TET	IncI1-I (Alpha)		parC p.T57S	292
S39	Chester	<i>aac</i> (6')-Iaa		ND	ND		parC p.T57S	411
S47	Hato	<i>aac</i> (6')-Iaa		ND	IncFIB (H89- PhagePlasmid)		parC p.T57S	Unknown
S52	Chester	<i>aac</i> (6')-Iaa		ND	ND		parC p.T57S	411
S53	Hato	<i>aac</i> (6')-Iaa		ND	ND		parC p.T57S	3899
S58	Telelkebir	<i>aac</i> (6')-Iaa; <i>fosA7</i>		ND	IncFIB(S)		parC p.T57S	2386
S59	Typhimurium	<i>aac</i> (6')-Iaa; <i>bla</i> TEM-1B; <i>mph</i> (A)		AMP; AMPSUL (A/S2); PIP; TICCLA(TIM2)	Col440I, IncFIB(S), IncFII(S), IncFII(pCoo)		ND	313
S60	Telelkebir	<i>aac</i> (6')-Iaa; <i>fosA7</i>		ND	ND		parC p.T57S	5494
S63	Hato	<i>aac</i> (6')-Iaa		ND	ND		parC p.T57S	3899
S64	Agona	<i>aac</i> (6')-Iaa; <i>fosA7</i>		ND	ND		parC p.T57S	7876
S65	Derby	<i>aac</i> (6')-Iaa		ND	ND		parC p.T57S	7119
S66	I 1,3,19:f,g:1,5	<i>aac</i> (6')-Iaa		ND	ND		parC p.T57S	Unknown
S67	Chester	<i>aac</i> (6')-Iaa		ND	ND		parC p.T57S	411
S69	Kentucky	<i>aac</i> (6')-Iaa; <i>aac</i> (3)-Id; <i>aadA7</i> ; <i>aph</i> (3")- Ib; <i>aph</i> (6)-Id; <i>dfrA15</i> ; <i>sul1</i> ; <i>tet</i> (A)	<i>qacE</i>	GEN; TET; TRISUL(SXT)	ND		parC p.T57S	314
S71	Virchow	<i>aac</i> (6')-Iaa		ND	IncI1-I (Alpha)		ND	181

S72	Amoutive	aac(6')-Iaa		ND	ND	parC p.T57S	Unknown
S74	Kentucky	aac(6')-Iaa; aac(3)-Id; aadA7; aph(3")- Ib; aph(6)-Id; dfrA15; sul1; tet(A)	qacE	GEN; TET; TRISUL(SXT)	ND	parC p.T57S	314
S75	Typhimurium	aac(6')-Iaa		GEN; TET; TRISUL(SXT)	ColRNAI, IncFIB(S), IncFII(S), IncX1	ND	19
S80	Derby	aac(6')-Iaa		ND	Col8282, IncFIB (H89- PhagePlasmid)	IncB/O/K/Z parC p.T57S	5421
S82	Chester	aac(6')-Iaa		ND	ND	parC p.T57S	411
S83	Typhimurium	aac(6')-Iaa		ND	ColRNAI, IncFIB(S), IncFII(S), IncX1	ND	19
S86	Brancaster	aac(6')-Iaa		ND	ND	parC p.T57S	Unknown
S90	Gaminara	aac(6')-Iaa		ND	ND	parC p.T57S	2152
S91	Derby	aac(6')-Iaa		ND	ND	parC p.T57S	7882
S92	Derby	aac(6')-Iaa		ND	ND	parC p.T57S	7882
S93	Schwarzengrund	aac(6')-Iaa		ND	ND	parC p.T57S	96
S94	Derby	aac(6')-Iaa		ND	ND	parC p.T57S	7880
S96	Farmingdale	aac(6')-Iaa		ND	ND	parC p.T57S	Unknown
S97	Derby	aac(6')-Iaa		ND	ND	parC p.T57S	7880
S99	Anatum	aac(6')-Iaa		ND	ND	parC p.T57S	5197
S102	Bredeney	aac(6')-Iaa		ND	ND	parC p.T57S	306
S104	Alexanderplatz	aac(6')-Iaa		ND	IncFII(S)	IncB/O/K/Z parC p.T57S	Unknown
S105	Derby	aac(6')-Iaa		ND	ND	parC p.T57S	7882
S106	Rehovot	aac(6')-Iaa		ND	ND	parC p.T57S	Unknown
S107	Bredeney	aac(6')-Iaa		ND	ND	parC p.T57S	306
S109	Derby	aac(6')-Iaa		ND	ND	parC p.T57S	7882
S110	Eastbourne	aac(6')-Iaa		ND	ND	parC p.T57S	414

S112	Hato	aac(6')-Iaa	ND	ND	parC p.T57S	3997	
S114	Hato	aac(6')-Iaa	ND	ND	parC p.T57S	Unknown	
S115	Derby	aac(6')-Iaa	ND	ND	parC p.T57S	7880	
S118	Poona	aac(6')-Iaa	ND	ND	parC p.T57S	308	
S120	Derby	aac(6')-Iaa	ND	ND	parC p.T57S	7882	
S121	Poona	aac(6')-Iaa	ND	ND	parC p.T57S	308	
S123	Bredeney	aac(6')-Iaa	ND	ND	parC p.T57S	306	
S124	Derby	aac(6')-Iaa	ND	ND	parC p.T57S	7880	
S125	Hato	aac(6')-Iaa	ND	ND	parC p.T57S	Unknown	
S126	Rechovot	aac(6')-Iaa	ND	ND	parC p.T57S	Unknown	
S132	Derby	aac(6')-Iaa	ND	ND	parC p.T57S	7882	
S133	Derby	aac(6')-Iaa	ND	ND	parC p.T57S	7882	
S140	Alexanderplatz	aac(6')-Iaa	ND	IncFII(S)	IncB/O/K/Z	parC p.T57S	Unknown
S143	Alexanderplatz	aac(6')-Iaa	ND	IncFII(S)	IncB/O/K/Z	parC p.T57S	Unknown
S145	Tennessee	aac(6')-Iaa	ND	ND	parC p.T57S	8398	
S147	Drac	aac(6')-Iaa	ND	ND	parC p.T57S	2221	
S148	Muenster	aac(6')-Iaa	ND	ND	parC p.T57S	321	
S149	Muenster	aac(6')-Iaa	ND	ND	parC p.T57S	321	
S150	Muenster	aac(6')-Iaa	ND	ND	parC p.T57S	321	
S151	Muenster	aac(6')-Iaa	ND	ND	parC p.T57S	321	
S152	Muenster	aac(6')-Iaa	ND	ND	parC p.T57S	321	
S153	Muenster	aac(6')-Iaa	ND	ND	parC p.T57S	321	
S154	Muenster	aac(6')-Iaa	ND	ND	parC p.T57S	321	
S155	Poona	aac(6')-Iaa	ND	ND	parC p.T57S	608	
S156	Poona	aac(6')-Iaa	ND	ND	parC p.T57S	608	
S162	I 1,3,19:b:-	aac(6')-Iaa	ND	ND	parC p.T57S	Unknown	
S163	Derby	aac(6')-Iaa	ND	IncFIB (H89- PhagePlasmid)	parC p.T57S	3135	
S164	I 1,3,19:b:-	aac(6')-Iaa	ND	ND	parC p.T57S	Unknown	

S165	Derby	aac(6')-Iaa		ND	IncFIB (H89- PhagePlasmid)		parC p.T57S	3135
S167	I 1,3,19:b:-	aac(6')-Iaa		ND	ND		parC p.T57S	Unknown
S168	Typhimurium	aac(6')-Iaa		ND	ColRNAI, IncFIB(S), IncFII(S), IncX1		ND	19
S169	Hato	aac(6')-Iaa		ND	IncFIB (H89- PhagePlasmid)		parC p.T57S	3292
S170	Derby	aac(6')-Iaa		ND	IncFIB (H89- PhagePlasmid)		parC p.T57S	3135
S171	Derby	aac(6')-Iaa; fosA7		ND	Col(pHAD28), IncI1-I (Alpha)		parC p.T57S	7881
S172	Kentucky	aac(6')-Iaa; dfrA15; sul1	qacE	TRISUL(SXT)	ND		parC p.T57S	314
S175	Hato	aac(6')-Iaa; aadA1; sul2; tet(A)	dfrA14; aph(3'')-Ib; aph(6)-Id; aph(3')-Ia	TET; TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899
S183	Derby	aac(6')-Iaa; aph(3'')-Ib; aph(6)-Id; sul2; tet(A)		MIN; TET	IncFIB (H89- PhagePlasmid), IncQ1		parC p.T57S	3135
S184	Hato	aac(6')-Iaa; aph(3')-Ia; [aph(3'')-Ib]; aph(6)-Id; dfrA14; sul2		TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899
S185	Hato	aac(6')-Iaa; aadA1; aph(3')- Ia; dfrA14; sul2; tet(A)	aph(3'')-Ib; aph(6)-Id	MIN; TET; TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899
S186	Hato	aac(6')-Iaa; aadA1; sul2; tet(A)	dfrA14; aph(3'')-Ib; aph(6)-Id; aph(3')-Ia	TET; TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899

S187	Hato	aac(6')-Iaa; aadA1; aph(3')- Ia; aph(6)-Id; sul2; tet(A)	dfrA14; aph(3'')-Ib	TET; TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899
S188	Hato	aac(6')-Iaa; aadA1; aph(3')- Ia; [aph(3'')-Ib]; sul2; tet(A)	dfrA14; aph(6)-Id	MIN; TET; TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899
S191	Hato	aac(6')-Iaa; aadA1; aph(3')- Ia; aph(6)-Id; dfrA14; sul2; tet(A)	aph(3'')-Ib	MIN; TET; TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899
S194	Hato	aac(6')-Iaa; aadA1; aph(3')- Ia; [aph(3'')-Ib]; sul2; tet(A)	dfrA14; aph(6)-Id	TET; TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899
S196	Hato	aac(6')-Iaa; aadA1; aph(3')- Ia; [aph(3'')-Ib]; sul2; tet(A)	dfrA14; aph(6)-Id	TET; TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899
S197	Hato	aac(6')-Iaa; aadA1; sul2; tet(A)	dfrA14; aph(3'')-Ib; aph(6)-Id	TET; TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899
S198	Derby	aac(6')-Iaa; aph(3'')-Ib; aph(6)-Id; sul2; tet(A)		MIN; TET	IncQ1		parC p.T57S	3135
S199	Derby	aac(6')-Iaa; aph(3'')-Ib; aph(6)-Id; sul2; tet(A)		MIN; TET	Col(pHAD28), Col8282, IncFIB (H89- PhagePlasmid), IncQ1		parC p.T57S	3135
S200	Hato	aac(6')-Iaa; aadA1; aph(3')- Ia; aph(6)-Id; dfrA14; sul2; tet(A)		TET; TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899

S201	Hato	aac(6')-Iaa; aadA1; aph(3')- Ia; [aph(3'')-Ib]; aph(6)-Id; dfrA14; sul2; tet(A)		TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899
S202	Hato	aac(6')-Iaa; aadA1; aph(3')- Ia; [aph(3'')-Ib]; aph(6)-Id; dfrA14; sul2; tet(A)		TET; TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899
S203	Hato	aac(6')-Iaa; aadA1; aph(3')- Ia; sul2; tet(A)	dfrA14; aph(3'')-Ib; aph(6)-Id	TET; TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899
S204	Hato	aac(6')-Iaa; aadA1; aph(3')- Ia; aph(6)-Id; sul2; tet(A)	dfrA14; aph(3'')-Ib	TET; TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899
S207	Hato	aac(6')-Iaa; aadA1; aph(3')- Ia; [aph(3'')-Ib]; aph(6)-Id; dfrA14; sul2; tet(A)		TET; TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899
S208	Hato	aac(6')-Iaa; aadA1; aph(3')- Ia; sul2; tet(A)	dfrA14; aph(3'')-Ib; aph(6)-Id	TET; TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899
S209	Hato	aac(6')-Iaa; aadA1; aph(3')- Ia; sul2; tet(A)	dfrA14; aph(3'')-Ib; aph(6)-Id	TET; TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899
S212	Hato	aac(6')-Iaa; aph(3'')-Ib; aph(6)-Id; sul2		ND	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899
S216	Hato	aac(6')-Iaa; aadA1; aph(3')- Ia; sul2; tet(A)	dfrA14; aph(3'')-Ib; aph(6)-Id	TET; TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899

S219	Hato	aac(6')-Iaa; aadA1; aph(3')- Ia; [aph(3'')-Ib]; sul2; tet(A)	dfrA14; aph(6)-Id	TET; TRISUL(SXT)	IncI1-I (Alpha)	IncQ1	parC p.T57S	3899
S248	Derby	aac(6')-Iaa; aph(3'')-Ib; aph(6)-Id; sul2; tet(A)		TET	Col8282, IncFIB (H89- PhagePlasmid), IncQ1	IncB/O/K/Z	parC p.T57S	Unknown
S249	Derby	aac(6')-Iaa; aph(3'')-Ib; aph(6)-Id; sul2; tet(A)		TET	Col8282, IncFIB (H89- PhagePlasmid), IncQ1	IncB/O/K/Z	parC p.T57S	Unknown
S251	Derby	aac(6')-Iaa; aph(3'')-Ib; aph(6)-Id; fosA7; sul2; tet(A)		MIN; TET	Col(pHAD28), IncI1-I (Alpha)		parC p.T57S	7881
S252	Tennessee	aac(6')-Iaa		ND	ND		parC p.T57S	8398
S253	I 1,3,19:b:-	aac(6')-Iaa		ND	ND		parC p.T57S	Unknown
S255	Kentucky	aac(6')-Iaa; aac(3)-Id; aadA7; aph(3'')- Ib; aph(6)-Id; dfrA15; sul1; tet(A)	qacE	GEN; TET; TRISUL(SXT)	ND		parC p.T57S	314

^a Genes in brackets [] are complete but disrupted by an insertion

^b Abbreviations indicate: TICCLA (TIM2), Ticarcillin/clavulanic acid; TET, Tetracycline; MIN, Minocycline; TRISUL(SXT), Trimethoprim/Sulfamethoxazole; PIP, Piperacillin; GEN, Gentamicin, AMPSUL (A/S2), Ampicillin/sulbactam; AMP, Ampicillin.

^c ND indicates “not detected”