

Table S3. Occurrence of Antibiotic Resistance Genes

Name of the isolate	ST	Date of isolation	Aminoglycoside							Macrolide, Lincosamide, Streptogramin										Chloramphenicol			
			<i>aac(6)-aph(2'')</i>	<i>aac(6)-ii</i>	<i>aadD</i>	<i>ant(6)-Ia</i>	<i>aad9Ib</i>	<i>aph(3)-III</i>	<i>spc</i>	<i>ermA</i>	<i>ermB</i>	<i>ermG</i>	<i>ermT</i>	<i>mefA</i>	<i>lnuB</i>	<i>msrC</i>	<i>vatD</i>	<i>vatE</i>	<i>str</i>	<i>cat pC194</i>	<i>cat pC233</i>	<i>cat 7</i>	
EnGen0003	163	2001	0	1	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	1
Com12	107	2006	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0056	327	2000	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0047	328	2004	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
1_141_733	327	2005	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0038	331	2006	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Com15	583	2006	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EnGen0042	289	2001	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E980	94	1998	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EnGen0033	299	2000	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EnGen0015	61	1998	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EnGen0028	75	1956	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LCT-EF90	nd	nd	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EnGen0029	77	1964	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EnGen0026	296	2000	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1_231_408	582	2005	1	2	0	1	0	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0002	117	2001	0	1	0	1	0	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0013	80	1997	0	1	0	1	0	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
1_230_933	18	2005	1	1	0	1	0	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0034	117	2001	1	1	0	1	0	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0046	78	2006	3	1	0	1	0	1	0	0	2	0	0	2	1	0	0	0	0	0	0	0	0
U0317	78	2005	3	1	0	1	0	1	0	0	1	0	0	2	1	0	0	0	0	0	0	0	0
E4452	266	2008	0	1	0	1	0	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0054	78	1999	0	1	0	1	0	1	0	0	1	0	0	0	2	0	0	0	0	0	0	1	0
1_231_502	203	2005	2	1	0	1	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
EnGen0049	78	2010	1	1	0	1	0	1	0	0	1	0	0	2	1	0	0	0	0	0	0	0	0
EnGen0045	78	2010	1	1	0	1	0	1	0	0	1	0	0	2	1	0	0	0	0	0	0	0	0
EnGen0016	64	2000	1	1	0	1	0	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0036	18	2002	1	1	0	3	0	1	0	0	1	0	0	0	2	0	0	0	0	0	1	0	0
EnGen0030	325	2002	0	1	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0
E4453	192	2008	0	1	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0051	78	2002	1	1	0	1	0	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0050	78	2005	1	1	0	1	0	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
1_231_410	17	2005	0	1	0	1	0	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
AUS004	17	1998	0	1	0	0	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	0	0
C68	16	1996	1	1	0	1	0	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
E1162	17	1997	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0057	78	2008	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0018	159	2001	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0031	22	1960	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0007	160	2001	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0017	92	1998	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0025	92	1965	0	1	0	1	0	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0009	21	1994	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
E1071	32	2000	0	1	0	1	0	0	0	0	1	0	0	2	2	1	0	1	0	0	0	0	0
EnGen0032	104	1959	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D344SRF	25	nd	0	2	0	1	0	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
TC6	25	nd	0	1	0	0	0	0	0	1	2	0	2	0	0	0	0	0	0	0	0	0	0
EnGen0011	26	1998	0	1	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	1
E1636	106	1961	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0010	26	1996	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0
EnGen0048	310	2004	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0
EnGen0005	9	1992	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
EnGen0022	9	1996	0	1	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	1	0	0	0
EnGen0043	12	2004	0	1	0	1	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0027	67	1957	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0001	158	1995	0	1	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
E1679	114	1998	1	1	0	0	1	0	0	1	1	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0024	210	2001	1	1	0	0	0	1	1	1	2	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0020	27	1995	0	1	0	2	0	1	0	0	1	0	0	2	1	1	0	0	0	0	0	0	0
EnGen0012	27	1995	0	1	0	2	0	1	0	0	2	0	0	2	1	1	0	0	0	0	0	0	0
EnGen0044	27	2001	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
1_231_501	52	2005	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0004	127	1998	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0052	332	2002	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
EnGen0039	69	1981	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
EnGen0019	151	1995	0	1	0	0	0	0	0	0	1	0	0	0	2	1	0	0	1	0	0	0	0
EnGen0040	66	1982	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0008	5	1995	0	1	0	2	0	1	0	0	1	0	1	2	2	0	1	0	0	0	0	0	0
EnGen0021	5	2002	0	1	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
E1039	42	1998	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
EnGen0014	150	1995	0	1	0	1	0	1	0	0	1	0	0	2	2	0	0	0	0	0	0	0	0
EnGen0035	66	1979	0	1	2	1	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
Prevalence (%)			21	100	1	37	3	34	4	3	51	1	4	3	12	84	5	1	5	3	3	3	3
Prevalence in clade A1 (%)			57	100	0	76	0	76	0	0	81	5	5	5	19	100	0	0	0	0	10	0	0
Prevalence in clade A2 (%)			6	100	1	25	2	20	3	6	49</												

col	Tetracycline					Glycopeptide		Others				Name of the isolate	ST	Date of isolation
	cat 8	cat 9	tetC	tetL	tetM	tetU	vanA operon	vanB operon	fosB	tusA	bacA			
0	0	0	1	2	0	0	0	0	0	1	0	EnGen0003	163	2001
0	0	0	0	0	0	0	0	0	0	1	0	Com12	107	2006
0	0	0	0	0	0	0	0	0	0	1	0	EnGen0056	327	2000
0	0	0	0	0	0	0	0	0	0	1	0	EnGen0047	328	2004
0	0	0	0	0	0	0	0	0	0	1	0	1_141_733	327	2005
0	0	0	0	0	0	0	0	0	0	1	0	EnGen0038	331	2006
0	0	1	0	0	0	0	0	0	0	1	0	Com15	583	2006
0	0	0	0	0	0	0	0	0	0	1	0	EnGen0042	289	2001
0	0	0	0	0	0	0	0	0	0	1	0	E980	94	1998
0	0	0	0	0	0	0	0	0	0	1	0	EnGen0033	299	2000
0	0	0	0	0	0	0	0	0	0	1	0	EnGen0015	61	1998
0	0	0	0	0	0	0	0	0	0	1	0	EnGen0028	75	1956
0	0	0	0	0	0	0	0	0	0	0	0	LCT-EF90	nd	nd
0	0	0	0	0	0	0	0	0	0	1	0	EnGen0029	77	1964
0	0	0	0	0	0	0	0	0	0	1	0	EnGen0026	296	2000
0	0	0	0	0	0	0	0	0	0	2	1	1_231_408	582	2005
0	0	0	1	0	0	0	1	0	1	1	1	EnGen0002	117	2001
0	0	0	0	0	0	2	0	0	1	1	1	EnGen0013	80	1997
0	0	0	0	2	1	1	0	0	1	1	0	1_230_933	18	2005
0	0	0	0	0	0	1	0	0	1	1	1	EnGen0034	117	2001
0	0	0	0	0	0	0	0	0	1	1	0	EnGen0046	78	2006
0	0	0	0	0	0	0	0	0	1	1	0	U0317	78	2005
0	0	0	1	3	0	0	0	0	1	1	0	E4452	266	2008
1	0	0	1	0	0	0	0	0	1	1	0	EnGen0054	78	1999
0	0	0	0	0	0	1	0	0	1	1	0	1_231_502	203	2005
0	0	0	1	0	0	2	0	0	1	1	0	EnGen0049	78	2010
0	0	0	1	0	1	2	0	0	1	1	0	EnGen0045	78	2010
0	0	0	0	2	0	0	0	0	1	1	1	EnGen0016	64	2000
1	0	0	1	0	0	0	0	0	1	1	0	EnGen0036	18	2002
0	0	0	1	3	0	0	0	0	1	1	1	EnGen0030	325	2002
0	0	0	0	2	0	0	0	0	1	1	0	E4453	192	2008
0	0	0	0	0	0	1	0	0	1	2	0	EnGen0051	78	2002
0	0	0	0	0	0	1	0	0	1	2	0	EnGen0050	78	2005
0	0	0	0	0	0	1	0	0	1	2	1	1_231_410	17	2005
0	0	0	0	3	0	0	1	0	1	1	1	AUS0004	17	1998
0	0	0	0	0	0	0	1	0	1	1	1	C68	16	1996
0	0	0	1	0	1	0	0	0	1	1	0	E1162	17	1997
0	0	0	0	2	0	0	0	0	1	1	0	EnGen0057	78	2008
0	0	0	0	0	0	0	0	0	1	1	0	EnGen0018	159	2001
0	0	0	0	0	0	0	0	0	1	1	0	EnGen0031	22	1960
0	0	0	0	0	0	0	0	0	1	1	0	EnGen0007	160	2001
0	0	0	0	0	0	0	0	0	1	1	0	EnGen0017	92	1998
0	0	0	0	2	0	0	0	0	1	1	0	EnGen0025	92	1965
0	0	0	0	0	0	0	0	0	1	1	0	EnGen0009	21	1994
1	0	0	1	0	0	1	0	0	1	1	0	E1071	32	2000
0	0	0	0	0	0	0	0	0	1	1	0	EnGen0032	104	1959
0	0	0	1	2	0	0	0	0	0	1	0	D344SRF	25	nd
0	0	0	1	2	0	0	0	0	0	1	0	TC6	25	nd
0	0	0	0	2	0	0	0	0	1	2	0	EnGen0011	26	1998
0	0	0	0	2	1	0	0	0	1	1	0	E1636	106	1961
0	0	0	0	4	0	1	0	0	1	1	0	EnGen0010	26	1996
0	0	0	0	0	0	2	0	0	1	1	0	EnGen0048	310	2004
0	1	0	0	1	0	0	0	0	1	1	0	EnGen0005	9	1992
0	1	0	0	2	0	1	0	0	1	2	0	EnGen0022	9	1996
0	0	0	1	1	0	0	0	0	1	1	0	EnGen0043	12	2004
0	0	0	0	0	0	0	0	0	1	1	0	EnGen0027	67	1957
0	0	0	0	1	0	2	0	0	1	1	0	EnGen0001	158	1995
0	0	0	0	0	0	1	0	1	1	2	0	E1679	114	1998
0	0	0	0	0	0	0	0	0	1	1	1	EnGen0024	210	2001
0	0	0	1	0	0	1	0	0	1	1	0	EnGen0020	27	1995
0	0	0	1	0	0	1	0	0	1	1	0	EnGen0012	27	1995
0	0	0	0	0	0	0	0	0	1	1	0	EnGen0044	27	2001
0	0	0	0	0	0	0	0	0	1	1	0	1_231_501	52	2005
0	0	0	0	0	0	0	0	0	1	1	0	EnGen0004	127	1998
0	0	0	0	0	0	0	0	0	0	1	0	EnGen0052	332	2002
0	0	0	0	0	0	0	0	0	0	1	0	EnGen0039	69	1981
0	0	0	1	0	0	1	0	0	1	1	0	EnGen0019	151	1995
0	0	0	0	0	0	0	0	0	1	1	0	EnGen0040	66	1982
1	0	0	1	4	0	0	0	0	1	1	0	EnGen0008	5	1995
0	0	0	0	2	0	1	0	0	1	1	0	EnGen0021	5	2002
0	0	0	0	0	0	0	0	0	0	1	0	E1039	42	1998
0	0	0	1	0	0	0	0	0	1	1	0	EnGen0014	150	1995
1	0	0	1	0	0	0	0	0	1	1	0	EnGen0035	66	1979
7	3	1	26	27	5	26	4	1	71	99	14	Prevalence (%)		
10	0	0	33	33	14	43	10	0	100	100	33	Prevalence in clade A1 (%)		
9	6	0	29	34	3	29	0	3	86	100	3	Prevalence in clade A2 (%)		
9	4	0	30	34	7	34	4	2	91	100	14	Prevalence in A (%)		
0	0	7	7	7	0	0	0	0	0	93	0	Prevalence in clade B (%)		