

ID1	ID2	lineage	Strain	MLST	Continent	Country
16404_4#72	16404_4#72_2010	L2	Typhimurium	313	Africa	GuineaBissau
16404_4#54	16404_4#54_2010	L2	Typhimurium	313	Africa	Ghana
16404_5#1	16404_5#1_2010	L2	Typhimurium	313	Africa	Ghana
16404_5#15	16404_5#15_2010	L2	Typhimurium	313	Africa	Ghana
16404_5#16	16404_5#16_2010	L2	Typhimurium	313	Africa	Ghana
16404_5#25	16404_5#25_2010	L2	Typhimurium	313	Africa	Ghana
16404_5#32	16404_5#32_2010	L2	Typhimurium	313	Africa	Ghana
16404_5#73	16404_5#73_2010	L2	Typhimurium	313	Africa	Ghana
16404_5#8	16404_5#8_2010	L2	Typhimurium	313	Africa	Ghana
16404_6#75	16404_6#75_2010	L2	Typhimurium	313	Africa	Ghana
16549_7#28	16549_7#28_2010	L2	Typhimurium	313	Africa	Ghana
16549_7#44	16549_7#44_2010	L2	Typhimurium	313	Africa	Ghana
16549_7#53	16549_7#53_2010	L2	Typhimurium	313	Africa	Ghana
16549_7#59	16549_7#59_2010	L2	Typhimurium	313	Africa	Ghana
16549_7#75	16549_7#75_2010	L2	Typhimurium	313	Africa	Ghana
16549_7#77	16549_7#77_2010	L2	Typhimurium	313	Africa	Ghana
16549_7#90	16549_7#90_2010	L2	Typhimurium	313	Africa	Ghana
21631_4#153	21631_4#153_2010	L2	Typhimurium	313	Africa	Ghana
21631_4#23	21631_4#23_2010	L2	Typhimurium	313	Africa	Ghana
21631_5#141	21631_5#141_2010	L2	Typhimurium	313	Africa	Ghana
21631_5#63	21631_5#63_2010	L2	Typhimurium	313	Africa	Ghana
21631_5#70	21631_5#70_2010	L2	Typhimurium	313	Africa	Ghana
21631_5#8	21631_5#8_2010	L2	Typhimurium	313	Africa	Ghana
16404_5#39	16404_5#39_2011	L2	Typhimurium	313	Africa	Ghana
16404_5#49	16404_5#49_2011	L2	Typhimurium	313	Africa	Ghana
16404_5#5	16404_5#5_2011	L2	Typhimurium	313	Africa	Ghana
16404_5#70	16404_5#70_2011	L2	Typhimurium	313	Africa	Ghana
16549_7#13	16549_7#13_2011	L2	Typhimurium	313	Africa	Ghana
16549_7#41	16549_7#41_2011	L2	Typhimurium	313	Africa	Ghana
16549_7#48	16549_7#48_2011	L2	Typhimurium	313	Africa	Ghana
16549_8#24	16549_8#24_2011	L2	Typhimurium	313	Africa	Ghana
21631_4#112	21631_4#112_2011	L2	Typhimurium	313	Africa	Ghana
21631_4#139	21631_4#139_2011	L2	Typhimurium	313	Africa	Ghana
21631_4#43	21631_4#43_2011	L2	Typhimurium	313	Africa	Ghana
21631_4#69	21631_4#69_2011	L2	Typhimurium	313	Africa	Ghana
21631_4#81	21631_4#81_2011	L2	Typhimurium	313	Africa	Ghana
21631_5#102	21631_5#102_2011	L2	Typhimurium	313	Africa	Ghana
21631_5#105	21631_5#105_2011	L2	Typhimurium	313	Africa	Ghana
21631_5#75	21631_5#75_2011	L2	Typhimurium	313	Africa	Ghana
21631_5#89	21631_5#89_2011	L2	Typhimurium	313	Africa	Ghana
16399_3#45	16399_3#45_2012	L2	Typhimurium	313	Africa	Ghana
16404_4#79	16404_4#79_2012	L2	Typhimurium	313	Africa	GuineaBissau
16404_5#27	16404_5#27_2012	L2	Typhimurium	313	Africa	Ghana
16404_5#38	16404_5#38_2012	L2	Typhimurium	313	Africa	Ghana
16404_5#56	16404_5#56_2012	L2	Typhimurium	313	Africa	BurkinaFaso
16404_5#87	16404_5#87_2012	L2	Typhimurium	313	Africa	Ghana
16404_6#7	16404_6#7_2012	L2	Typhimurium	313	Africa	Kenya

16549_7#50	16549_7#50_2012	L2	Typhimurium	313	Africa	Ghana
21631_4#116	21631_4#116_2012	L2	Typhimurium	313	Africa	Ghana
21631_4#121	21631_4#121_2012	L2	Typhimurium	313	Africa	Ghana
21631_4#126	21631_4#126_2012	L2	Typhimurium	313	Africa	Ghana
21631_4#130	21631_4#130_2012	L2	Typhimurium	313	Africa	Ghana
21631_4#136	21631_4#136_2012	L2	Typhimurium	313	Africa	Ghana
21631_4#137	21631_4#137_2012	L2	Typhimurium	313	Africa	Ghana
21631_5#114	21631_5#114_2012	L2	Typhimurium	313	Africa	Ghana
16404_4#45	16404_4#45_2013	L2	Typhimurium	313	Africa	BurkinaFaso
16404_4#49	16404_4#49_2013	L2	Typhimurium	313	Africa	BurkinaFaso
21631_6#145	21631_6#145_2013	L2	Typhimurium	313	Africa	BurkinaFaso
21631_6#146	21631_6#146_2013	L2	Typhimurium	313	Africa	BurkinaFaso
21631_6#147	21631_6#147_2013	L2	Typhimurium	313	Africa	BurkinaFaso
16399_4#87	16399_4#87_2007	L2	Typhimurium	313	Africa	Ghana
16399_4#88	16399_4#88_2008	L2	Typhimurium	313	Africa	Ghana
16399_4#90	16399_4#90_2008	L2	Typhimurium	313	Africa	Ghana
16399_3#19	16399_3#19_2007	L2	Typhimurium	313	Africa	Ghana
16399_3#58	16399_3#58_2007	L2	Typhimurium	313	Africa	Ghana
16399_3#65	16399_3#65_2007	L2	Typhimurium	313	Africa	Ghana
16399_3#70	16399_3#70_2007	L2	Typhimurium	313	Africa	Ghana
16399_3#89	16399_3#89_2007	L2	Typhimurium	313	Africa	Ghana
16399_4#20	16399_4#20_2007	L2	Typhimurium	313	Africa	Ghana
16399_4#30	16399_4#30_2007	L2	Typhimurium	313	Africa	Ghana
16399_4#57	16399_4#57_2007	L2	Typhimurium	313	Africa	Ghana
16399_4#63	16399_4#63_2007	L2	Typhimurium	313	Africa	Ghana
16404_6#19	16404_6#19_2007	L2	Typhimurium	313	Africa	Ghana
16404_6#91	16404_6#91_2007	L2	Typhimurium	313	Africa	Ghana
16549_8#66	16549_8#66_2007	L2	Typhimurium	313	Africa	Ghana
16549_8#75	16549_8#75_2007	L2	Typhimurium	313	Africa	Ghana
16549_8#76	16549_8#76_2007	L2	Typhimurium	313	Africa	Ghana
16399_3#25	16399_3#25_2008	L2	Typhimurium	313	Africa	Ghana
16399_3#42	16399_3#42_2008	L2	Typhimurium	313	Africa	Ghana
16399_3#59	16399_3#59_2008	L2	Typhimurium	313	Africa	Ghana
16399_3#62	16399_3#62_2008	L2	Typhimurium	313	Africa	Ghana
16399_3#72	16399_3#72_2008	L2	Typhimurium	313	Africa	Ghana
16399_4#18	16399_4#18_2008	L2	Typhimurium	313	Africa	Ghana
16399_4#19	16399_4#19_2008	L2	Typhimurium	313	Africa	Ghana
16399_4#38	16399_4#38_2008	L2	Typhimurium	313	Africa	Ghana
16399_4#7	16399_4#7_2008	L2	Typhimurium	313	Africa	Ghana
16404_6#14	16404_6#14_2008	L2	Typhimurium	313	Africa	Ghana
16404_6#17	16404_6#17_2008	L2	Typhimurium	313	Africa	Ghana
16404_6#23	16404_6#23_2008	L2	Typhimurium	313	Africa	Ghana
16404_6#32	16404_6#32_2008	L2	Typhimurium	313	Africa	Ghana
16549_8#64	16549_8#64_2008	L2	Typhimurium	313	Africa	Ghana
16549_8#68	16549_8#68_2008	L2	Typhimurium	313	Africa	Ghana
16549_8#73	16549_8#73_2008	L2	Typhimurium	313	Africa	Ghana
16549_8#81	16549_8#81_2008	L2	Typhimurium	313	Africa	Ghana
16404_4#34	16404_4#34_2007	L2	Typhimurium	313	Africa	Ghana

16399_4#89	16399_4#89_2008	L2	Typhimurium	313	Africa	Ghana
16399_4#91	16399_4#91_2009	L2	Typhimurium	313	Africa	Ghana
16404_4#27	16404_4#27_2009	L2	Typhimurium	313	Africa	Ghana
16404_4#29	16404_4#29_2009	L2	Typhimurium	313	Africa	Ghana
5116_5#11	5116_5#11_1989	L1	100DRC	313	Africa	DRC
4075_7#10	4075_7#10_1991	L1	356DRC	313	Africa	DRC
5116_6#2	5116_6#2_1991	L1	228DRC	313	Africa	DRC
5116_6#3	5116_6#3_1991	L1	265DRC	313	Africa	DRC
5116_7#3	5116_7#3_1991	L1	270DRC	313	Africa	DRC
5116_7#5	5116_7#5_1991	L1	269DRC	313	Africa	DRC
4075_7#8	4075_7#8_1996	L1	2017U	313	Africa	Uganda
5116_6#5	5116_6#5_1996	L1	1905U	313	Africa	Uganda
4949_2#1	4949_2#1_1997	L1	A018	313	Africa	Malawi
4949_2#2	4949_2#2_1997	L1	A082	313	Africa	Malawi
4949_3#11	4949_3#11_1997	L1	A130	313	Africa	Malawi
5116_6#6	5116_6#6_1997	L1	5897U	313	Africa	Uganda
4949_2#5	4949_2#5_1998	L1	A680	313	Africa	Malawi
5116_6#11	5116_6#11_1998	L1	6325U	313	Africa	Uganda
4949_2#6	4949_2#6_1999	L1	A3800	313	Africa	Malawi
4949_2#7	4949_2#7_1999	L1	A4283	313	Africa	Malawi
4949_2#8	4949_2#8_1999	L1	A4447	313	Africa	Malawi
4949_2#10	4949_2#10_2000	L1	C2167	313	Africa	Malawi
4949_2#11	4949_2#11_2000	L1	C2364	313	Africa	Malawi
4949_2#9	4949_2#9_2000	L1	C2110	313	Africa	Malawi
4949_2#12	4949_2#12_2001	L1	A13198	313	Africa	Malawi
4949_3#1	4949_3#1_2001	L1	A13212	313	Africa	Malawi
4949_3#2	4949_3#2_2001	L1	D11578	313	Africa	Malawi
5103_6#10	5103_6#10_2001	L1	M1174516	313	Africa	Mozambique
5103_6#11	5103_6#11_2001	L1	M1438312	313	Africa	Mozambique
5103_6#7	5103_6#7_2001	L1	M1560153	313	Africa	Mozambique
5116_5#1	5116_5#1_2001	L1	M1553285	313	Africa	Mozambique
5116_5#2	5116_5#2_2001	L1	M1111568	313	Africa	Mozambique
5116_5#3	5116_5#3_2001	L1	M1253289	313	Africa	Mozambique
5116_7#8	5116_7#8_2001	L1	M1175849	313	Africa	Mozambique
4949_3#3	4949_3#3_2002	L1	A16083	313	Africa	Malawi
4949_3#5	4949_3#5_2002	L1	D15040	313	Africa	Malawi
5103_6#8	5103_6#8_2002	L1	M1776464	313	Africa	Mozambique
5116_6#10	5116_6#10_2002	L1	868U	313	Africa	Uganda
5116_7#1	5116_7#1_2002	L1	334U	313	Africa	Uganda
4195_2	4195_2_2003	L1	D22889	313	Africa	Malawi
4238_7#6	4238_7#6_2003	L1	5581	313	Africa	Kenya
4238_8#8	4238_8#8_2003	L1	Q175F6	313	Africa	Malawi
5116_6#4	5116_6#4_2003	L1	958U	313	Africa	Uganda
4075_7#1	4075_7#1_2004	L1	D25646	313	Africa	Malawi
4238_7#8	4238_7#8_2004	L1	5577	313	Africa	Kenya
4075_7#12	4075_7#12_2005	L1	5597	313	Africa	Kenya
4238_7#11	4238_7#11_2005	L1	5576	313	Africa	Kenya
4238_7#12	4238_7#12_2005	L1	5912	313	Africa	Kenya

4238_7#5	4238_7#5_2005	L1	5579	313	Africa	Kenya
5116_5#10	5116_5#10_1988	L2	14DRC	313	Africa	DRC
5116_6#9	5116_6#9_1991	L2	254DRC	313	Africa	DRC
5116_7#4	5116_7#4_1991	L2	373DRC	313	Africa	DRC
5116_6#8	5116_6#8_1992	L2	415DRC	313	Africa	DRC
4949_2#3	4949_2#3_1998	L2	A357	313	Africa	Malawi
3673_1	3673_1_2002	L2	A20	313	Africa	Mali
3673_2	3673_2_2002	L2	A40	313	Africa	Mali
3673_5	3673_5_2002	L2	A21	313	Africa	Mali
3673_6	3673_6_2002	L2	D71	313	Africa	Mali
3673_7	3673_7_2002	L2	D83	313	Africa	Mali
4075_7#7	4075_7#7_2002	L2	666U	313	Africa	Uganda
4238_6#11	4238_6#11_2002	L2	Q134A	313	Africa	Malawi
4238_6#12	4238_6#12_2002	L2	Q367A	313	Africa	Malawi
4238_6#2	4238_6#2_2002	L2	Q363A	313	Africa	Malawi
4238_6#3	4238_6#3_2002	L2	Q340A	313	Africa	Malawi
4238_6#5	4238_6#5_2002	L2	Q285A	313	Africa	Malawi
4238_6#8	4238_6#8_2002	L2	Q175A	313	Africa	Malawi
4238_8#11	4238_8#11_2002	L2	Q134F9	313	Africa	Malawi
4949_5#11	4949_5#11_2002	L2	J17	313	Africa	Mali
4949_5#12	4949_5#12_2002	L2	J27	313	Africa	Mali
4949_5#2	4949_5#2_2002	L2	C13184	313	Africa	Malawi
4949_5#3	4949_5#3_2002	L2	A39051	313	Africa	Malawi
4949_6#2	4949_6#2_2002	L2	I3	313	Africa	Mali
4949_6#3	4949_6#3_2002	L2	I32	313	Africa	Mali
4949_6#4	4949_6#4_2002	L2	I45	313	Africa	Mali
4949_6#5	4949_6#5_2002	L2	I7	313	Africa	Mali
5103_6#9	5103_6#9_2002	L2	M1605206	313	Africa	Mozambique
5116_6#1	5116_6#1_2002	L2	198U	313	Africa	Uganda
5116_7#2	5116_7#2_2002	L2	146U	313	Africa	Uganda
4238_8#12	4238_8#12_2003	L2	Q367F2	313	Africa	Malawi
4238_8#2	4238_8#2_2003	L2	Q363F3	313	Africa	Malawi
4238_8#6	4238_8#6_2003	L2	Q258F4	313	Africa	Malawi
4238_8#7	4238_8#7_2003	L2	Q255F4	313	Africa	Malawi
4949_3#10	4949_3#10_2003	L2	D23769A	313	Africa	Malawi
4949_6#1	4949_6#1_2003	L2	J20	313	Africa	Mali
5103_6#5	5103_6#5_2003	L2	M2907772	313	Africa	Mozambique
4075_7#2	4075_7#2_2004	L2	D25023	313	Africa	Malawi
4075_7#3	4075_7#3_2004	L2	D25734	313	Africa	Malawi
4075_7#4	4075_7#4_2004	L2	D25248	313	Africa	Malawi
4075_7#5	4075_7#5_2004	L2	D26275	313	Africa	Malawi
4238_8#3	4238_8#3_2004	L2	Q340F4	313	Africa	Malawi
4238_8#4	4238_8#4_2004	L2	Q303F5	313	Africa	Malawi
5116_7#7	5116_7#7_2004	L2	M2815310	313	Africa	Mozambique
3901_3	3901_3_2005	L2	P30	313	Africa	Mali
4238_8#10	4238_8#10_2005	L2	Q18F3_S	313	Africa	Malawi
4238_8#5	4238_8#5_2005	L2	Q285F5	313	Africa	Malawi
4949_3#12	4949_3#12_2005	L2	A38589	313	Africa	Malawi

4949_3#8	4949_3#8_2005	L2	A32751	313	Africa	Malawi
4949_3#9	4949_3#9_2005	L2	A32773	313	Africa	Malawi
4949_5#1	4949_5#1_2005	L2	A38596	313	Africa	Malawi
4949_5#10	4949_5#10_2005	L2	J3	313	Africa	Mali
4949_5#6	4949_5#6_2005	L2	P78	313	Africa	Mali
4949_5#7	4949_5#7_2005	L2	P62	313	Africa	Mali
4949_5#8	4949_5#8_2005	L2	P73	313	Africa	Mali
4949_3#4	4949_3#4_2006	L2	D14916	313	Africa	Malawi
4949_3#7	4949_3#7_2006	L2	A24910	313	Africa	Malawi
4949_5#4	4949_5#4_2006	L2	A39129	313	Africa	Malawi
4949_5#5	4949_5#5_2006	L2	A39155	313	Africa	Malawi
4949_5#9	4949_5#9_2006	L2	P51	313	Africa	Mali
5103_3#9	5103_3#9_2009	L2	DT2B	313	Europe	United Kingdom
5116_5#5	5116_5#5_2009	L2	PO609	313	Africa	Nigeria
5116_5#6	5116_5#6_2010	L2	PO1124	313	Africa	Nigeria
5116_5#7	5116_5#7_2010	L2	PO1140	313	Africa	Nigeria
5116_5#8	5116_5#8_2010	L2	PO1276	313	Africa	Nigeria
4821_1#2	4821_1#2_2002	L2	D15176	313	Africa	Malawi
4821_1#3	4821_1#3_2002	L2	D15759	313	Africa	Malawi
4821_1#4	4821_1#4_2002	L2	C5158	313	Africa	Malawi
4821_1#8	4821_1#8_2002	L2	D15330	313	Africa	Malawi
4821_1#9	4821_1#9_2002	L2	D16287	313	Africa	Malawi
4821_3#2	4821_3#2_2002	L2	A16802	313	Africa	Malawi
4821_1#11	4821_1#11_2003	L2	D19828	313	Africa	Malawi
4821_3#5	4821_3#5_2003	L2	A19741	313	Africa	Malawi
4821_2#1	4821_2#1_2006	L2	D36099	313	Africa	Malawi
4821_2#10	4821_2#10_2006	L2	D37712	313	Africa	Malawi
4821_2#11	4821_2#11_2006	L2	D37905	313	Africa	Malawi
4821_2#12	4821_2#12_2006	L2	D37601	313	Africa	Malawi
4821_2#2	4821_2#2_2006	L2	D36225	313	Africa	Malawi
4821_2#3	4821_2#3_2006	L2	D36435	313	Africa	Malawi
4821_2#4	4821_2#4_2006	L2	D36457	313	Africa	Malawi
4821_2#5	4821_2#5_2006	L2	D36807	313	Africa	Malawi
4821_2#7	4821_2#7_2006	L2	D36233	313	Africa	Malawi
4821_2#8	4821_2#8_2006	L2	D36448	313	Africa	Malawi
4821_2#9	4821_2#9_2006	L2	D36632	313	Africa	Malawi
4821_3#8	4821_3#8_2008	L2	A50070	313	Africa	Malawi
4821_3#9	4821_3#9_2008	L2	A50315	313	Africa	Malawi
02_03_002_FQ312003	02_03_002_FQ312003_2002	L2	02-03/002	313	Africa	DRC
02_03_008_FQ312003	02_03_008_FQ312003_2002	L2	02-03/008	313	Africa	DRC
B51_2_FQ312003	B51_2_FQ312003_2004	L2	BL51	313	Africa	Nigeria
BL25_FQ312003	BL25_FQ312003_2004	L2	BL25	313	Africa	Nigeria
05_102_FQ312003	05_102_FQ312003_2005	L2	05/102	313	Africa	DRC
07_022_FQ312003	07_022_FQ312003_2007	L2	07/022	313	Africa	DRC
D23580	D23580_2004	L2	D23580	313	Africa	Malawi
10868_5#7	10868_5#7_2009	L2	8942	313	Africa	Kenya
10900_4#63	10900_4#63_2009	L2	8945	313	Africa	Kenya
10868_5#3	10868_5#3_2010	L2	8947	313	Africa	Kenya

6470_8#6	6470_8#6_2010	L2	8891	313	Africa	Kenya
6470_8#7	6470_8#7_2010	L2	8892	313	Africa	Kenya
10868_5#6	10868_5#6_2011	L2	8944	313	Africa	Kenya
10868_5#8	10868_5#8_2011	L2	8948	313	Africa	Kenya
10900_4#64	10900_4#64_2011	L2	8946	313	Africa	Kenya
10900_4#62	10900_4#62_2012	L2	8943	313	Africa	Kenya
6470_8#8	6470_8#8_2009	L2	A54560	313	Africa	Malawi
6470_8#9	6470_8#9_2009	L2	A54285	313	Africa	Malawi

Year	This_Study	Study
2010	Yes (TSAP)	This study
2010	Yes (TSAP)	This study
2010	Yes (TSAP)	This study
2010	Yes (TSAP)	This study
2010	Yes (TSAP)	This study
2010	Yes (TSAP)	This study
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