

id	farm	sample	item	antibiotic	inhibition	sensitivity	microbe
1	Bangwe	Vegetable	Amaranth	SXT	6	R	E. coli
1	Bangwe	Vegetable	Amaranth	CIP	24	I	E. coli
1	Bangwe	Vegetable	Amaranth	TGC	20	S	E. coli
1	Bangwe	Vegetable	Amaranth	CTX	23	S	E. coli
1	Bangwe	Vegetable	Amaranth	AMP	6	R	E. coli
1	Bangwe	Vegetable	Amaranth	GM	6	R	E. coli
1	Bangwe	Manure	Chicken m:	SXT	20	S	Acinetobacter junni
1	Bangwe	Manure	Chicken m:	CIP	26	I	Acinetobacter junni
1	Bangwe	Manure	Chicken m:	GM	20	R	Acinetobacter junni
1	Bangwe	Manure	Chicken m:	MEM	24	S	Acinetobacter junni
1	Bangwe	Manure	Chicken m:	SXT	7	R	Klebsiella pneumoniae
1	Bangwe	Manure	Chicken m:	CIP	22	I	Klebsiella pneumoniae
1	Bangwe	Manure	Chicken m:	TGC	10	R	Klebsiella pneumoniae
1	Bangwe	Manure	Chicken m:	CTX	23	S	Klebsiella pneumoniae
1	Bangwe	Manure	Chicken m:	AMP	7	R	Klebsiella pneumoniae
1	Bangwe	Manure	Chicken m:	GM	7	R	Klebsiella pneumoniae
1	Bangwe	Manure	Chicken m:	SXT	6	R	E. coli
1	Bangwe	Manure	Chicken m:	CIP	26	S	E. coli
1	Bangwe	Manure	Chicken m:	TGC	19	S	E. coli
1	Bangwe	Manure	Chicken m:	CTX	6	R	E. coli
1	Bangwe	Manure	Chicken m:	AMP	6	R	E. coli
1	Bangwe	Manure	Chicken m:	GM	21	S	E. coli
1	Bangwe	Vegetable	Chinese Ca	SXT	6	R	Klebsiella pneumoniae
1	Bangwe	Vegetable	Chinese Ca	CIP	28	S	Klebsiella pneumoniae
1	Bangwe	Vegetable	Chinese Ca	TGC	19	S	Klebsiella pneumoniae
1	Bangwe	Vegetable	Chinese Ca	CTX	28	S	Klebsiella pneumoniae
1	Bangwe	Vegetable	Chinese Ca	AMP	6	R	Klebsiella pneumoniae
1	Bangwe	Vegetable	Chinese Ca	GM	7	R	Klebsiella pneumoniae
1	Bangwe	Soil	Farm soil	ATM	23	S	Serratia odorifera
1	Bangwe	Soil	Farm soil	CTX	20	R	Serratia odorifera
1	Bangwe	Soil	Farm soil	GM	20	S	Serratia odorifera
1	Bangwe	Soil	Farm soil	CRO	5	R	Serratia odorifera
1	Bangwe	Soil	Farm soil	CIP	24	S	Serratia odorifera
1	Bangwe	Soil	Farm soil	SXT	21	S	E. coli
1	Bangwe	Soil	Farm soil	CIP	28	S	E. coli
1	Bangwe	Soil	Farm soil	TGC	23	S	E. coli
1	Bangwe	Soil	Farm soil	CTX	7	R	E. coli
1	Bangwe	Soil	Farm soil	AMP	10	R	E. coli
1	Bangwe	Soil	Farm soil	GM	20	S	E. coli
1	Bangwe	Soil	Home soil	SXT	6	R	Klebsiella pneumoniae
1	Bangwe	Soil	Home soil	CIP	24	I	Klebsiella pneumoniae
1	Bangwe	Soil	Home soil	TGC	15	R	Klebsiella pneumoniae
1	Bangwe	Soil	Home soil	CTX	25	S	Klebsiella pneumoniae
1	Bangwe	Soil	Home soil	AMP	6	R	Klebsiella pneumoniae
1	Bangwe	Soil	Home soil	GM	6	R	Klebsiella pneumoniae
1	Bangwe	Soil	Home soil	SXT	6	R	Klebsiella pneumoniae

1	Bangwe	Soil	Home soil	CIP	20	R	Klebsiella pneumoniae
1	Bangwe	Soil	Home soil	TGC	24	S	Klebsiella pneumoniae
1	Bangwe	Soil	Home soil	CTX	21	S	Klebsiella pneumoniae
1	Bangwe	Soil	Home soil	AMP	6	R	Klebsiella pneumoniae
1	Bangwe	Soil	Home soil	GM	6	R	Klebsiella pneumoniae
1	Bangwe	Soil	Home soil	SXT	6	R	Klebsiella pneumoniae
1	Bangwe	Soil	Home soil	CIP	23	I	Klebsiella pneumoniae
1	Bangwe	Soil	Home soil	TGC	20	S	Klebsiella pneumoniae
1	Bangwe	Soil	Home soil	CTX	25	S	Klebsiella pneumoniae
1	Bangwe	Soil	Home soil	AMP	7	R	Klebsiella pneumoniae
1	Bangwe	Soil	Home soil	GM	7	R	Klebsiella pneumoniae
1	Bangwe	Vegetable	Rape	SXT	6	R	Klebsiella pneumoniae
1	Bangwe	Vegetable	Rape	CIP	25	S	Klebsiella pneumoniae
1	Bangwe	Vegetable	Rape	TGC	17	R	Klebsiella pneumoniae
1	Bangwe	Vegetable	Rape	CTX	26	S	Klebsiella pneumoniae
1	Bangwe	Vegetable	Rape	AMP	6	R	Klebsiella pneumoniae
1	Bangwe	Vegetable	Rape	GM	7	R	Klebsiella pneumoniae
1	Bangwe	Vegetable	Rape	ATM	3	R	Pasteurella Spp
1	Bangwe	Vegetable	Rape	GM	5	R	Pasteurella Spp
1	Bangwe	Vegetable	Rape	CRO	20	S	Pasteurella Spp
1	Bangwe	Vegetable	Rape	AMP	6	R	Pasteurella Spp
2	Chigumula	Vegetable	Amaranth	SXT	6	R	Klebsiella pneumoniae
2	Chigumula	Vegetable	Amaranth	CIP	26	S	Klebsiella pneumoniae
2	Chigumula	Vegetable	Amaranth	TGC	20	S	Klebsiella pneumoniae
2	Chigumula	Vegetable	Amaranth	CTX	19	R	Klebsiella pneumoniae
2	Chigumula	Vegetable	Amaranth	AMP	6	R	Klebsiella pneumoniae
2	Chigumula	Vegetable	Amaranth	GM	6	R	Klebsiella pneumoniae
2	Chigumula	Vegetable	Amaranth	ATM	30	S	Pasteurella Spp
2	Chigumula	Vegetable	Amaranth	GM	7	R	Pasteurella Spp
2	Chigumula	Vegetable	Amaranth	CRO	36	S	Pasteurella Spp
2	Chigumula	Vegetable	Amaranth	AMP	8	R	Pasteurella Spp
2	Chigumula	Vegetable	Amaranth	ATM	30	S	Pasteurella Spp
2	Chigumula	Vegetable	Amaranth	SXT	8	R	Pasteurella Spp
2	Chigumula	Vegetable	Amaranth	GM	0	R	Pasteurella Spp
2	Chigumula	Vegetable	Amaranth	VAN	0	R	Pasteurella Spp
2	Chigumula	Vegetable	Amaranth	CRO	36	S	Pasteurella Spp
2	Chigumula	Vegetable	Amaranth	CIP	32	S	Pasteurella Spp
2	Chigumula	Manure	Chicken m	ATM	24	S	Acinetobacter Spp
2	Chigumula	Manure	Chicken m	SXT	0	R	Acinetobacter Spp
2	Chigumula	Manure	Chicken m	GM	21	S	Acinetobacter Spp
2	Chigumula	Manure	Chicken m	VAN	0	R	Acinetobacter Spp
2	Chigumula	Manure	Chicken m	CRO	14	I	Acinetobacter Spp
2	Chigumula	Manure	Chicken m	CIP	23	S	Acinetobacter Spp
2	Chigumula	Manure	Chicken m	SXT	25	S	E. coli
2	Chigumula	Manure	Chicken m	CIP	32	S	E. coli
2	Chigumula	Manure	Chicken m	TGC	19	S	E. coli
2	Chigumula	Manure	Chicken m	CTX	14	S	E. coli

2 Chigumula	Manure	Chicken m	AMP	21	S	E. coli
2 Chigumula	Manure	Chicken m	GM	7	R	E. coli
2 Chigumula	Vegetable	Chinese C	SXT	6	R	Raoultella ornitholytica
2 Chigumula	Vegetable	Chinese C	CIP	25	S	Raoultella ornitholytica
2 Chigumula	Vegetable	Chinese C	TGC	18	S	Raoultella ornitholytica
2 Chigumula	Vegetable	Chinese C	CTX	23	S	Raoultella ornitholytica
2 Chigumula	Vegetable	Chinese C	AMP	9	R	Raoultella ornitholytica
2 Chigumula	Vegetable	Chinese C	GM	20	S	Raoultella ornitholytica
2 Chigumula	Soil	Farm soil	SXT	6	R	Klebsiella pneumoniae
2 Chigumula	Soil	Farm soil	CIP	23	I	Klebsiella pneumoniae
2 Chigumula	Soil	Farm soil	TGC	28	S	Klebsiella pneumoniae
2 Chigumula	Soil	Farm soil	CTX	6	R	Klebsiella pneumoniae
2 Chigumula	Soil	Farm soil	AMP	7	R	Klebsiella pneumoniae
2 Chigumula	Soil	Farm soil	GM	6	R	Klebsiella pneumoniae
2 Chigumula	Soil	Farm soil	ATM	0	R	Pseudomonas Spp
2 Chigumula	Soil	Farm soil	CTX	19	R	Pseudomonas Spp
2 Chigumula	Soil	Farm soil	GM	25	S	Pseudomonas Spp
2 Chigumula	Soil	Farm soil	CRO	18	I	Pseudomonas Spp
2 Chigumula	Soil	Farm soil	CIP	26	S	Pseudomonas Spp
2 Chigumula	Vegetable	Rape	SXT	6	R	Klebsiella pneumoniae
2 Chigumula	Vegetable	Rape	CIP	24	S	Klebsiella pneumoniae
2 Chigumula	Vegetable	Rape	TGC	25	S	Klebsiella pneumoniae
2 Chigumula	Vegetable	Rape	CTX	21	S	Klebsiella pneumoniae
2 Chigumula	Vegetable	Rape	AMP	6	R	Klebsiella pneumoniae
2 Chigumula	Vegetable	Rape	GM	21	S	Klebsiella pneumoniae
2 Chigumula	Vegetable	Rape	ATM	19	S	Erwinia Spp
2 Chigumula	Vegetable	Rape	CRO	25	S	Erwinia Spp
2 Chigumula	Vegetable	Rape	CIP	30	S	Erwinia Spp
2 Chigumula	Vegetable	Rape	GM	20	S	Erwinia Spp
2 Chigumula	Vegetable	Rape	TGC	20	S	Erwinia Spp
3 Chileka1	Vegetable	Amaranthu	SXT	6	R	Klebsiella pneumoniae
3 Chileka1	Vegetable	Amaranthu	CIP	20	R	Klebsiella pneumoniae
3 Chileka1	Vegetable	Amaranthu	TGC	27	S	Klebsiella pneumoniae
3 Chileka1	Vegetable	Amaranthu	CTX	21	S	Klebsiella pneumoniae
3 Chileka1	Vegetable	Amaranthu	AMP	6	R	Klebsiella pneumoniae
3 Chileka1	Vegetable	Amaranthu	GM	6	R	Klebsiella pneumoniae
3 Chileka1	Vegetable	Chinese Ca	SXT	6	R	E. coli
3 Chileka1	Vegetable	Chinese Ca	CIP	25	S	E. coli
3 Chileka1	Vegetable	Chinese Ca	TGC	18	S	E. coli
3 Chileka1	Vegetable	Chinese Ca	CTX	25	S	E. coli
3 Chileka1	Vegetable	Chinese Ca	AMP	6	R	E. coli
3 Chileka1	Vegetable	Chinese Ca	GM	7	R	E. coli
3 Chileka1	Soil	Farm soil	SXT	6	R	E. coli
3 Chileka1	Soil	Farm soil	CIP	22	R	E. coli
3 Chileka1	Soil	Farm soil	TGC	20	S	E. coli
3 Chileka1	Soil	Farm soil	CTX	10	R	E. coli
3 Chileka1	Soil	Farm soil	AMP	7	R	E. coli

3 Chileka1	Soil	Farm soil	GM	7 R	E. coli
3 Chileka1	Soil	Farm soil	SXT	6 R	Klebsiella pneumoniae
3 Chileka1	Soil	Farm soil	CIP	25 S	Klebsiella pneumoniae
3 Chileka1	Soil	Farm soil	TGC	15 R	Klebsiella pneumoniae
3 Chileka1	Soil	Farm soil	CTX	25 S	Klebsiella pneumoniae
3 Chileka1	Soil	Farm soil	AMP	6 R	Klebsiella pneumoniae
3 Chileka1	Soil	Farm soil	GM	7 R	Klebsiella pneumoniae
3 Chileka1	Soil	Farm soil	SXT	6 R	E. coli
3 Chileka1	Soil	Farm soil	CIP	22 R	E. coli
3 Chileka1	Soil	Farm soil	TGC	20 S	E. coli
3 Chileka1	Soil	Farm soil	CTX	10 R	E. coli
3 Chileka1	Soil	Farm soil	AMP	7 R	E. coli
3 Chileka1	Soil	Farm soil	GM	7 R	E. coli
3 Chileka1	Soil	Farm soil	ATM	24 S	Pseudomonas luteola
3 Chileka1	Soil	Farm soil	CTX	22 S	Pseudomonas luteola
3 Chileka1	Soil	Farm soil	GM	23 S	Pseudomonas luteola
3 Chileka1	Soil	Farm soil	CRO	15 I	Pseudomonas luteola
3 Chileka1	Soil	Farm soil	CIP	25 S	Pseudomonas luteola
3 Chileka1	Soil	Farm soil	ATM	11 R	Xanthomonas maltophilia
3 Chileka1	Soil	Farm soil	SXT	0 R	Xanthomonas maltophilia
3 Chileka1	Soil	Farm soil	GM	18 S	Xanthomonas maltophilia
3 Chileka1	Soil	Farm soil	TGC	8 R	Xanthomonas maltophilia
3 Chileka1	Soil	Farm soil	CRO	0 R	Xanthomonas maltophilia
3 Chileka1	Soil	Farm soil	CIP	27 S	Xanthomonas maltophilia
3 Chileka1	Soil	Farm soil	ATM	24 S	E. coli
3 Chileka1	Soil	Farm soil	SXT	28 S	E. coli
3 Chileka1	Soil	Farm soil	GM	28 S	E. coli
3 Chileka1	Soil	Farm soil	VAN	14 I	E. coli
3 Chileka1	Soil	Farm soil	CRO	30 S	E. coli
3 Chileka1	Soil	Farm soil	CIP	26 S	E. coli
3 Chileka1	Soil	Home soil	ATM	27 S	Stenotrophomonas
3 Chileka1	Soil	Home soil	SXT	33 S	Stenotrophomonas
3 Chileka1	Soil	Home soil	GM	30 S	Stenotrophomonas
3 Chileka1	Soil	Home soil	VAN	16 R	Stenotrophomonas
3 Chileka1	Soil	Home soil	CRO	27 S	Stenotrophomonas
3 Chileka1	Soil	Home soil	CIP	32 S	Stenotrophomonas
3 Chileka1	Soil	Home soil	SXT	6 R	Klebsiella pneumoniae
3 Chileka1	Soil	Home soil	CIP	21 R	Klebsiella pneumoniae
3 Chileka1	Soil	Home soil	TGC	22 S	Klebsiella pneumoniae
3 Chileka1	Soil	Home soil	CTX	22 S	Klebsiella pneumoniae
3 Chileka1	Soil	Home soil	AMP	6 R	Klebsiella pneumoniae
3 Chileka1	Soil	Home soil	GM	6 R	Klebsiella pneumoniae
3 Chileka1	Manure	Pig manure	ATM	22 S	E. coli
3 Chileka1	Manure	Pig manure	SXT	19 S	E. coli
3 Chileka1	Manure	Pig manure	GM	18 I	E. coli
3 Chileka1	Manure	Pig manure	VAN	0 R	E. coli
3 Chileka1	Manure	Pig manure	CRO	24 S	E. coli

3 Chileka1	Manure	Pig manure	CIP	30 S	E. coli
3 Chileka1	Manure	Pig manure	SXT	7 R	E. coli
3 Chileka1	Manure	Pig manure	CIP	35 S	E. coli
3 Chileka1	Manure	Pig manure	TGC	23 S	E. coli
3 Chileka1	Manure	Pig manure	CTX	24 S	E. coli
3 Chileka1	Manure	Pig manure	AMP	6 R	E. coli
3 Chileka1	Manure	Pig manure	GM	22 S	E. coli
3 Chileka1	Vegetable	Rape	SXT	6 R	Klebsiella pneumoniae
3 Chileka1	Vegetable	Rape	CIP	20 R	Klebsiella pneumoniae
3 Chileka1	Vegetable	Rape	TGC	24 S	Klebsiella pneumoniae
3 Chileka1	Vegetable	Rape	CTX	21 S	Klebsiella pneumoniae
3 Chileka1	Vegetable	Rape	AMP	6 R	Klebsiella pneumoniae
3 Chileka1	Vegetable	Rape	GM	7 R	Klebsiella pneumoniae
3 Chileka1	Vegetable	Rape	ATM	0 R	Pseudomonas cepacia
3 Chileka1	Vegetable	Rape	CTX	15 R	Pseudomonas cepacia
3 Chileka1	Vegetable	Rape	GM	0 R	Pseudomonas cepacia
3 Chileka1	Vegetable	Rape	CRO	19 S	Pseudomonas cepacia
3 Chileka1	Vegetable	Rape	CIP	18 R	Pseudomonas cepacia
4 Chileka2	Vegetable	Amaranth	ATM	0 R	Pasteurella Spp
4 Chileka2	Vegetable	Amaranth	GM	9 R	Pasteurella Spp
4 Chileka2	Vegetable	Amaranth	CRO	15 S	Pasteurella Spp
4 Chileka2	Vegetable	Amaranth	AMP	7 R	Pasteurella Spp
4 Chileka2	Vegetable	Amaranth	ATM	0 R	Pasteurella Spp
4 Chileka2	Vegetable	Amaranth	SXT	0 R	Pasteurella Spp
4 Chileka2	Vegetable	Amaranth	GM	0 R	Pasteurella Spp
4 Chileka2	Vegetable	Amaranth	VAN	0 R	Pasteurella Spp
4 Chileka2	Vegetable	Amaranth	CRO	15 I	Pasteurella Spp
4 Chileka2	Vegetable	Amaranth	CIP	18 I	Pasteurella Spp
4 Chileka2	Vegetable	Chinese Ca	SXT	6 R	Klebsiella pneumoniae
4 Chileka2	Vegetable	Chinese Ca	CIP	24 I	Klebsiella pneumoniae
4 Chileka2	Vegetable	Chinese Ca	TGC	16 R	Klebsiella pneumoniae
4 Chileka2	Vegetable	Chinese Ca	CTX	25 S	Klebsiella pneumoniae
4 Chileka2	Vegetable	Chinese Ca	AMP	6 R	Klebsiella pneumoniae
4 Chileka2	Vegetable	Chinese Ca	GM	6 R	Klebsiella pneumoniae
4 Chileka2	Soil	Farm soil	ATM	21 S	Xanthomonas maltophilia
4 Chileka2	Soil	Farm soil	SXT	24 S	Xanthomonas maltophilia
4 Chileka2	Soil	Farm soil	GM	25 S	Xanthomonas maltophilia
4 Chileka2	Soil	Farm soil	TGC	15 I	Xanthomonas maltophilia
4 Chileka2	Soil	Farm soil	CRO	24 S	Xanthomonas maltophilia
4 Chileka2	Soil	Farm soil	CIP	25 S	Xanthomonas maltophilia
4 Chileka2	Soil	Farm soil	SXT	6 R	Klebsiella pneumoniae
4 Chileka2	Soil	Farm soil	CIP	23 I	Klebsiella pneumoniae
4 Chileka2	Soil	Farm soil	TGC	19 S	Klebsiella pneumoniae
4 Chileka2	Soil	Farm soil	CTX	21 S	Klebsiella pneumoniae
4 Chileka2	Soil	Farm soil	AMP	7 R	Klebsiella pneumoniae
4 Chileka2	Soil	Farm soil	GM	7 R	Klebsiella pneumoniae
4 Chileka2	Soil	Home soil	SXT	6 R	Klebsiella pneumoniae

4	Chileka2	Soil	Home soil	CIP	24	I	Klebsiella pneumoniae
4	Chileka2	Soil	Home soil	TGC	24	S	Klebsiella pneumoniae
4	Chileka2	Soil	Home soil	CTX	26	S	Klebsiella pneumoniae
4	Chileka2	Soil	Home soil	AMP	6	R	Klebsiella pneumoniae
4	Chileka2	Soil	Home soil	GM	7	R	Klebsiella pneumoniae
4	Chileka2	Soil	Home soil	ATM	0	R	Stenotrophomonas maltophilia
4	Chileka2	Soil	Home soil	SXT	0	R	Stenotrophomonas maltophilia
4	Chileka2	Soil	Home soil	GM	26	S	Stenotrophomonas maltophilia
4	Chileka2	Soil	Home soil	TGC	7	R	Stenotrophomonas maltophilia
4	Chileka2	Soil	Home soil	CRO	18	S	Stenotrophomonas maltophilia
4	Chileka2	Soil	Home soil	CIP	29	S	Stenotrophomonas maltophilia
4	Chileka2	Manure	Pig manure	SXT	7	R	Klebsiella pneumoniae
4	Chileka2	Manure	Pig manure	CIP	25	S	Klebsiella pneumoniae
4	Chileka2	Manure	Pig manure	TGC	17	R	Klebsiella pneumoniae
4	Chileka2	Manure	Pig manure	CTX	28	S	Klebsiella pneumoniae
4	Chileka2	Manure	Pig manure	AMP	6	R	Klebsiella pneumoniae
4	Chileka2	Manure	Pig manure	GM	7	R	Klebsiella pneumoniae
4	Chileka2	Manure	Pig manure	ATM	21	S	E. coli
4	Chileka2	Manure	Pig manure	SXT	0	R	E. coli
4	Chileka2	Manure	Pig manure	GM	20	S	E. coli
4	Chileka2	Manure	Pig manure	VAN	0	R	E. coli
4	Chileka2	Manure	Pig manure	CRO	0	R	E. coli
4	Chileka2	Manure	Pig manure	CIP	23	S	E. coli
4	Chileka2	Vegetable	Rape	SXT	6	R	Klebsiella pneumoniae
4	Chileka2	Vegetable	Rape	CIP	22	R	Klebsiella pneumoniae
4	Chileka2	Vegetable	Rape	TGC	18	S	Klebsiella pneumoniae
4	Chileka2	Vegetable	Rape	CTX	23	S	Klebsiella pneumoniae
4	Chileka2	Vegetable	Rape	AMP	6	R	Klebsiella pneumoniae
4	Chileka2	Vegetable	Rape	GM	7	R	Klebsiella pneumoniae
4	Chileka2	Vegetable	Rape	ATM	30	S	Pseudomonas aeruginosa
4	Chileka2	Vegetable	Rape	CTX	18	R	Pseudomonas aeruginosa
4	Chileka2	Vegetable	Rape	GM	28	S	Pseudomonas aeruginosa
4	Chileka2	Vegetable	Rape	CRO	22	S	Pseudomonas aeruginosa
4	Chileka2	Vegetable	Rape	CIP	39	S	Pseudomonas aeruginosa
5	Mpemba	Vegetable	Amaranth	SXT	25	S	Klebsiella pneumoniae
5	Mpemba	Vegetable	Amaranth	CIP	28	S	Klebsiella pneumoniae
5	Mpemba	Vegetable	Amaranth	TGC	15	R	Klebsiella pneumoniae
5	Mpemba	Vegetable	Amaranth	CTX	23	S	Klebsiella pneumoniae
5	Mpemba	Vegetable	Amaranth	AMP	7	R	Klebsiella pneumoniae
5	Mpemba	Vegetable	Amaranth	GM	20	S	Klebsiella pneumoniae
5	Mpemba	Manure	Chicken m	ATM	25	S	Serratia odorifera
5	Mpemba	Manure	Chicken m	CTX	21	S	Serratia odorifera
5	Mpemba	Manure	Chicken m	GM	23	S	Serratia odorifera
5	Mpemba	Manure	Chicken m	CRO	20	I	Serratia odorifera
5	Mpemba	Manure	Chicken m	CIP	29	S	Serratia odorifera
5	Mpemba	Manure	Chicken m	SXT	6	R	Klebsiella pneumoniae
5	Mpemba	Manure	Chicken m	CIP	25	S	Klebsiella pneumoniae

5 Mpemba	Manure	Chicken m TGC	18 S	Klebsiella pneumoniae
5 Mpemba	Manure	Chicken m CTX	28 S	Klebsiella pneumoniae
5 Mpemba	Manure	Chicken m AMP	6 R	Klebsiella pneumoniae
5 Mpemba	Manure	Chicken m GM	7 R	Klebsiella pneumoniae
5 Mpemba	Manure	Chicken m ATM	13 R	E. coli
5 Mpemba	Manure	Chicken m SXT	0 R	E. coli
5 Mpemba	Manure	Chicken m GM	29 S	E. coli
5 Mpemba	Manure	Chicken m VAN	0 R	E. coli
5 Mpemba	Manure	Chicken m CRO	28 S	E. coli
5 Mpemba	Manure	Chicken m CIP	30 S	E. coli
5 Mpemba	Vegetable	Chinese C: SXT	24 S	Klebsiella pneumoniae
5 Mpemba	Vegetable	Chinese C: CIP	24 I	Klebsiella pneumoniae
5 Mpemba	Vegetable	Chinese C: TGC	22 S	Klebsiella pneumoniae
5 Mpemba	Vegetable	Chinese C: CTX	22 S	Klebsiella pneumoniae
5 Mpemba	Vegetable	Chinese C: AMP	7 R	Klebsiella pneumoniae
5 Mpemba	Vegetable	Chinese C: GM	18 S	Klebsiella pneumoniae
5 Mpemba	Soil	Farm soil SXT	6 R	E. coli
5 Mpemba	Soil	Farm soil CIP	30 S	E. coli
5 Mpemba	Soil	Farm soil TGC	18 S	E. coli
5 Mpemba	Soil	Farm soil CTX	24 S	E. coli
5 Mpemba	Soil	Farm soil AMP	17 S	E. coli
5 Mpemba	Soil	Farm soil GM	17 S	E. coli
5 Mpemba	Soil	Farm soil CTX	15 S	Yersinia pestis
5 Mpemba	Soil	Farm soil GM	5 R	Yersinia pestis
5 Mpemba	Soil	Farm soil CRO	0 R	Yersinia pestis
5 Mpemba	Soil	Farm soil CIP	25 S	Yersinia pestis
5 Mpemba	Soil	Farm soil SXT	6 R	Klebsiella pneumoniae
5 Mpemba	Soil	Farm soil CIP	20 R	Klebsiella pneumoniae
5 Mpemba	Soil	Farm soil TGC	17 R	Klebsiella pneumoniae
5 Mpemba	Soil	Farm soil CTX	17 R	Klebsiella pneumoniae
5 Mpemba	Soil	Farm soil AMP	6 R	Klebsiella pneumoniae
5 Mpemba	Soil	Farm soil GM	6 R	Klebsiella pneumoniae
5 Mpemba	Soil	Home soil SXT	6 R	Klebsiella pneumoniae
5 Mpemba	Soil	Home soil CIP	22 I	Klebsiella pneumoniae
5 Mpemba	Soil	Home soil TGC	17 R	Klebsiella pneumoniae
5 Mpemba	Soil	Home soil CTX	21 S	Klebsiella pneumoniae
5 Mpemba	Soil	Home soil AMP	6 R	Klebsiella pneumoniae
5 Mpemba	Soil	Home soil GM	7 R	Klebsiella pneumoniae
5 Mpemba	Soil	Home soil ATM	25 S	Salmonella choleraesuis
5 Mpemba	Soil	Home soil SXT	0 R	Salmonella choleraesuis
5 Mpemba	Soil	Home soil GM	0 R	Salmonella choleraesuis
5 Mpemba	Soil	Home soil VAN	0 R	Salmonella choleraesuis
5 Mpemba	Soil	Home soil CRO	24 S	Salmonella choleraesuis
5 Mpemba	Soil	Home soil CIP	28 S	Salmonella choleraesuis
5 Mpemba	Manure	Pig manur SXT	6 R	E. coli
5 Mpemba	Manure	Pig manur CIP	32 S	E. coli
5 Mpemba	Manure	Pig manur TGC	22 S	E. coli

5 Mpemba	Manure	Pig manur	CTX	26 S	E. coli
5 Mpemba	Manure	Pig manur	AMP	6 R	E. coli
5 Mpemba	Manure	Pig manur	GM	11 R	E. coli
5 Mpemba	Manure	Pig manur	SXT	6 R	Klebsiella pneumoniae
5 Mpemba	Manure	Pig manur	CIP	26 S	Klebsiella pneumoniae
5 Mpemba	Manure	Pig manur	TGC	20 R	Klebsiella pneumoniae
5 Mpemba	Manure	Pig manur	CTX	27 S	Klebsiella pneumoniae
5 Mpemba	Manure	Pig manur	AMP	6 R	Klebsiella pneumoniae
5 Mpemba	Manure	Pig manur	GM	7 R	Klebsiella pneumoniae
5 Mpemba	Manure	Pig manur	SXT	11 R	Acinetobacter pitii
5 Mpemba	Manure	Pig manur	CIP	24 I	Acinetobacter pitii
5 Mpemba	Manure	Pig manur	GM	7 R	Acinetobacter pitii
5 Mpemba	Manure	Pig manur	MEM	24 S	Acinetobacter pitii
5 Mpemba	Manure	Pig manur	ATM	23 S	Acinetobacter Spp
5 Mpemba	Manure	Pig manur	SXT	0 R	Acinetobacter Spp
5 Mpemba	Manure	Pig manur	GM	23 S	Acinetobacter Spp
5 Mpemba	Manure	Pig manur	VAN	0 R	Acinetobacter Spp
5 Mpemba	Manure	Pig manur	CRO	0 R	Acinetobacter Spp
5 Mpemba	Manure	Pig manur	CIP	24 S	Acinetobacter Spp
5 Mpemba	Vegetable	Rape	SXT	7 R	Klebsiella pneumoniae
5 Mpemba	Vegetable	Rape	CIP	23 I	Klebsiella pneumoniae
5 Mpemba	Vegetable	Rape	TGC	18 S	Klebsiella pneumoniae
5 Mpemba	Vegetable	Rape	CTX	24 S	Klebsiella pneumoniae
5 Mpemba	Vegetable	Rape	AMP	7 R	Klebsiella pneumoniae
5 Mpemba	Vegetable	Rape	GM	7 R	Klebsiella pneumoniae
5 Mpemba	Vegetable	Rape	ATM	0 R	Pseudomonas cepacia
5 Mpemba	Vegetable	Rape	CTX	17 R	Pseudomonas cepacia
5 Mpemba	Vegetable	Rape	GM	0 R	Pseudomonas cepacia
5 Mpemba	Vegetable	Rape	CRO	15 S	Pseudomonas cepacia
5 Mpemba	Vegetable	Rape	CIP	25 S	Pseudomonas cepacia
5 Mpemba	Vegetable	Rape	ATM	10 R	Klebsiella pneumoniae
5 Mpemba	Vegetable	Rape	SXT	20 S	Klebsiella pneumoniae
5 Mpemba	Vegetable	Rape	GM	20 S	Klebsiella pneumoniae
5 Mpemba	Vegetable	Rape	VAN	0 R	Klebsiella pneumoniae
5 Mpemba	Vegetable	Rape	CRO	29 S	Klebsiella pneumoniae
5 Mpemba	Vegetable	Rape	CIP	25 S	Klebsiella pneumoniae
5 Mpemba	Vegetable	Rape	ATM	0 R	Pseudomonas cepacia
5 Mpemba	Vegetable	Rape	SXT	0 R	Pseudomonas cepacia
5 Mpemba	Vegetable	Rape	GM	0 R	Pseudomonas cepacia
5 Mpemba	Vegetable	Rape	VAN	0 R	Pseudomonas cepacia
5 Mpemba	Vegetable	Rape	CRO	15 I	Pseudomonas cepacia
5 Mpemba	Vegetable	Rape	CIP	25 S	Pseudomonas cepacia