

**Supplementary Table 1:** List of generic and ESBL/AmpC- producing *Escherichia coli* isolated from two commercial lettuce and spinach supply chains

Farm	Sample type	Province	Isolate identity	Isolate code	Generic or ESBL/ApC	Phylo group	Virulence genes
Farm A	River	Gauteng	<i>Escherichia coli</i>	B1	Generic	F	
Farm A	River	Gauteng	<i>Escherichia coli</i>	B2	Generic	B2	
Farm A	River	Gauteng	<i>Escherichia coli</i>	B46	Generic	Clade 1 or II	
Farm A	River	Gauteng	<i>Escherichia coli</i>	B47	Generic	Clade 1 or II	
Farm A	River	Gauteng	<i>Escherichia coli</i>	L8	ESBL	B2	<i>eae</i>
Farm A	River	Gauteng	<i>Escherichia coli</i>	L32	ESBL		
Farm A	River	Gauteng	<i>Escherichia coli</i>	L34	ESBL	B1	
Farm A	River	Gauteng	<i>Escherichia coli</i>	L50	ESBL	E	
Farm A	Dam	Gauteng	<i>Escherichia coli</i>	B6	Generic	A	
Farm A	Dam	Gauteng	<i>Escherichia coli</i>	L40	ESBL	B2	
Farm A	Dam	Gauteng	<i>Escherichia coli</i>	L65	ESBL	D	
Farm A	Pivot	Gauteng	<i>Escherichia coli</i>	B51	Generic	E	
Farm A	Pivot	Gauteng	<i>Escherichia coli</i>	L26	ESBL	B2	
Farm A	Pivot	Gauteng	<i>Escherichia coli</i>	L28	ESBL	Clade 1 or II	
Farm A	Pivot	Gauteng	<i>Escherichia coli</i>	L52	ESBL	D	
Farm A	Pivot	Gauteng	<i>Escherichia coli</i>	L54	ESBL	B2	
Farm A	Pivot	Gauteng	<i>Escherichia coli</i>	L56	ESBL		
Farm A	Soil	Gauteng	<i>Escherichia coli</i>	B3	Generic	B2	
Farm A	Lettuce at harvest	Gauteng	<i>Escherichia coli</i>	B30	Generic	B1	
Farm A	Lettuce at harvest	Gauteng	<i>Escherichia coli</i>	B31	Generic	Clade 1 or II	
Farm A	Lettuce at harvest	Gauteng	<i>Escherichia coli</i>	B33	Generic	A	
Farm A	Lettuce at harvest	Gauteng	<i>Escherichia coli</i>	L6	ESBL		
Farm A	Lettuce at receive	Gauteng	<i>Escherichia coli</i>	B34	Generic	B1	
Farm A	Lettuce at receive	Gauteng	<i>Escherichia coli</i>	B35	Generic	Unknown	
Farm A	Lettuce at receive	Gauteng	<i>Escherichia coli</i>	L4	ESBL	B1	
Farm A	Lettuce afterpack	Gauteng	<i>Escherichia coli</i>	L3	ESBL	A	
Farm A	Spinach at harvest	Gauteng	<i>Escherichia coli</i>	B38	Generic	Clade 1 or II	

Farm A	Spinach at harvest	Gauteng	<i>Escherichia coli</i>	B39	Generic	A
Farm A	Spinach at harvest	Gauteng	<i>Escherichia coli</i>	B40	Generic	B2
Farm A	Spinach at harvest	Gauteng	<i>Escherichia coli</i>	B41	Generic	B2
Farm A	Spinach at harvest	Gauteng	<i>Escherichia coli</i>	L59	ESBL	A
Farm A	Spinach at receive	Gauteng	<i>Escherichia coli</i>	B37	Generic	Clade 1 or II
Farm A	Spinach afterwash	Gauteng	<i>Escherichia coli</i>	B42	Generic	Clade 1 or II
Farm A	Spinach afterwash	Gauteng	<i>Escherichia coli</i>	B43	Generic	Clade 1 or II
Farm A	Spinach afterwash	Gauteng	<i>Escherichia coli</i>	B44	Generic	Clade 1 or II
Farm A	Spinach afterwash	Gauteng	<i>Escherichia coli</i>	B52	Generic	Unknown
Farm A	Spinach afterpack	Gauteng	<i>Escherichia coli</i>	B49	Generic	B1
Farm B	Dam	North west	<i>Escherichia coli</i>	B17	Generic	B1
Farm B	Dam	North West	<i>Escherichia coli</i>	L9	ESBL	A
Farm B	Dam	North West	<i>Escherichia coli</i>	L10	ESBL	Clade 1 or II
Farm B	Dam	North West	<i>Escherichia coli</i>	L11	ESBL	
Farm B	Pivot	North west	<i>Escherichia coli</i>	B26	Generic	B1
Farm B	Pivot	North west	<i>Escherichia coli</i>	B27	Generic	A
Farm B	Pivot	North west	<i>Escherichia coli</i>	B28	Generic	B2
Farm B	Pivot	North west	<i>Escherichia coli</i>	B62	Generic	B1
Farm B	Pivot	North West	<i>Escherichia coli</i>	L25	ESBL	F
Farm B	Pivot	North West	<i>Escherichia coli</i>	L80	ESBL	A
Farm B	Lettuce at harvest	North west	<i>Escherichia coli</i>	B25	Generic	B1
Farm B	Spinach at harvest	North West	<i>Escherichia coli</i>	L14	ESBL	B2
Farm B	Spinach at harvest	North West	<i>Escherichia coli</i>	L15	ESBL	B2
Farm B	Spinach at harvest	North West	<i>Escherichia coli</i>	L16	ESBL	B2