

Table S2

Smal PFGE Pattern	Year Isolated	PFGE assigned Epidemic Type	Predicted PFGE Epidemic Type using spa typing	PVL PCR	Province	SpaType	RepeatSuccession
54	2007	CMRSA4	CMRSA4	Negative	NL	t012	r15r12r16r02r16r02r25r17r24r24
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	NL	t008	r11r19r12r21r17r34r24r34r22r25
54	2007	CMRSA4	CMRSA4	Negative	NL	t012	r15r12r16r02r16r02r25r17r24r24
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
994	2007	none	CMRSA1	Negative	NL	t004	r09r02r16r13r13r17r34r16r34
1780	2007	CMRSA2	CMRSA2	Negative	NL	t548	r26r23r17r34r17r20r17r12r16
704	2007	CMRSA4	CMRSA4	Negative	NL	t012	r15r12r16r02r16r02r25r17r24r24
560	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
923	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1781	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
2	2007	CMRSA1	CMRSA1	Negative	ON	t004	r09r02r16r13r13r17r34r16r34
923	2007	CMRSA2	CMRSA2	Negative	ON	t003	r26r17r20r17r12r17r17r16
1419	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	ON	t008	r11r19r12r21r17r34r24r34r22r25
923	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
834	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1530	2007	CMRSA2	CMRSA2	Negative	ON	t548	r26r23r17r34r17r20r17r12r16
923	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
923	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
923	2007	CMRSA2	CMRSA2	Negative	ON	t088	r26r23r17r34r17r20r17r12r12r17r16
1606	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	ON	t008	r11r19r12r21r17r34r24r34r22r25
2	2007	CMRSA1	CMRSA1	Negative	ON	t004	r09r02r16r13r13r17r34r16r34
413	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
1793	2007	CMRSA4	CMRSA4	Negative	NL	t012	r15r12r16r02r16r02r25r17r24r24
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
1037	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	<b>CMRSA10-New Type</b>	<b>Positive</b>	BC	<b>t3135</b>	<b>r11r19r34r24r34r24r34r22r25</b>
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	ON	t008	r11r19r12r21r17r34r24r34r22r25

Smal PFGE Pattern	Year Isolated	PFGE assigned Epidemic Type	Predicted PFGE Epidemic Type using spa typing	PVL PCR	Province	SpaType	RepeatSuccession
1792	2007	"European" ST80	<b>"European" ST80</b>	Positive	ON	t044	r07r23r12r34r34r33r34
1741	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1791	2007	CMRSA6	CMRSA6	Negative	MB	t037	r15r12r16r02r25r17r24
594	2007	CMRSA2	CMRSA2	Negative	MB	t002	r26r23r17r34r17r20r17r12r17r16
38	2007	CMRSA2	CMRSA2	Negative	MB	t002	r26r23r17r34r17r20r17r12r17r16
443	2007	CMRSA2	CMRSA2	Negative	MB	t002	r26r23r17r34r17r20r17r12r17r16
917	2007	CMRSA2	CMRSA2	Negative	MB	t002	r26r23r17r34r17r20r17r12r17r16
47	2007	CMRSA2	CMRSA2	Negative	MB	t002	r26r23r17r34r17r20r17r12r17r16
142	2007	CMRSA7	CMRSA7	Positive	MB	t128	r07r23r23r21r16r34r33r13
142	2007	CMRSA7	CMRSA7	Negative	MB	t128	r07r23r23r21r16r34r33r13
443	2007	CMRSA2	CMRSA2	Negative	MB	t002	r26r23r17r34r17r20r17r12r17r16
142	2007	CMRSA7	CMRSA7	Positive	MB	t128	r07r23r23r21r16r34r33r13
1794	2007	CMRSA2	CMRSA2	Negative	MB	t1080	r26r23r17r34r17r20r17r34r17r16
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	MB	t008	r11r19r12r21r17r34r24r34r22r25
142	2007	CMRSA7	CMRSA7	Positive	MB	t128	r07r23r23r21r16r34r33r13
142	2007	CMRSA7	CMRSA7	Negative	MB	t128	r07r23r23r21r16r34r33r13
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
68	2007	CMRSA6	CMRSA6	Negative	BC	t037	r15r12r16r02r25r17r24
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
68	2007	CMRSA6	CMRSA6	Negative	BC	t037	r15r12r16r02r25r17r24
1759	2007	CMRSA6	CMRSA6	Negative	BC	t037	r15r12r16r02r25r17r24
625	2007	CMRSA2	CMRSA2	Negative	SK	t002	r26r23r17r34r17r20r17r12r17r16
142	2007	CMRSA7	CMRSA7	Positive	SK	t128	r07r23r23r21r16r34r33r13
68	2007	CMRSA6	CMRSA6	Negative	SK	t037	r15r12r16r02r25r17r24
142	2007	CMRSA7	CMRSA7	Positive	SK	t128	r07r23r23r21r16r34r33r13
142	2007	CMRSA7	<b>CMRSA7-New Type</b>	Positive	SK	<b>t555</b>	<b>r07r23r23r23r21r16r34r33r13</b>
142	2007	CMRSA7	CMRSA7	Positive	SK	t127	r07r23r21r16r34r33r13
68	2007	CMRSA6	CMRSA6	Negative	SK	t037	r15r12r16r02r25r17r24
142	2007	CMRSA7	CMRSA7	Positive	SK	t127	r07r23r21r16r34r33r13
68	2007	CMRSA6	CMRSA6	Negative	SK	t037	r15r12r16r02r25r17r24
841	2007	CMRSA2	CMRSA2	Negative	NS	t002	r26r23r17r34r17r20r17r12r17r16
1625	2007	CMRSA10	CMRSA10	<b>Positive</b>	QC	t008	r11r19r12r21r17r34r24r34r22r25
1311	2007	CMRSA2	CMRSA2	Negative	QC	t002	r26r23r17r34r17r20r17r12r17r16
1028	2007	CMRSA10	CMRSA10	<b>Positive</b>	QC	t008	r11r19r12r21r17r34r24r34r22r25

Smal PFGE Pattern	Year Isolated	PFGE assigned Epidemic Type	Predicted PFGE Epidemic Type using spa typing	PVL PCR	Province	SpaType	RepeatSuccession
1798	2007	CMRSA2	CMRSA2	Negative	QC	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	<b>CMRSA10-New Type</b>	Positive	BC	<b>t3154</b>	<b>r11r19r12r21r17r34r24r05r25</b>
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
557	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	NL	t008	r11r19r12r21r17r34r24r34r22r25
704	2007	CMRSA4	CMRSA4	Positive	NL	t012	r15r12r16r02r16r02r25r17r24r24
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
1799	2007	CMRSA4	CMRSA4	Negative	NL	t012	r15r12r16r02r16r02r25r17r24r24
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
923	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	ON	t008	r11r19r12r21r17r34r24r34r22r25
923	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	ON	t008	r11r19r12r21r17r34r24r34r22r25
1615	2007	none	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1614	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	ON	t008	r11r19r12r21r17r34r24r34r22r25
903	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
2	2007	CMRSA1	CMRSA1	Negative	ON	t266	r09r02r16r13r13r13r17r34r16r34
443	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
204	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
903	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
204	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
557	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
1800	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
68	2007	CMRSA6	CMRSA6	Negative	SK	t037	r15r12r16r02r25r17r24
423	2007	CMRSA2	CMRSA2	Negative	SK	t002	r26r23r17r34r17r20r17r12r17r16
68	2007	CMRSA6	CMRSA6	Negative	SK	t037	r15r12r16r02r25r17r24
1050	2007	CMRSA2	CMRSA2	Negative	QC	t002	r26r23r17r34r17r20r17r12r17r16
1444	2007	CMRSA10	CMRSA10	<b>Positive</b>	QC	t008	r11r19r12r21r17r34r24r34r22r25
1530	2007	CMRSA2	CMRSA2	Negative	QC	t002	r26r23r17r34r17r20r17r12r17r16

Smal PFGE Pattern	Year Isolated	PFGE assigned Epidemic Type	Predicted PFGE Epidemic Type using spa typing	PVL PCR	Province	SpaType	RepeatSuccession
1311	2007	CMRSA2	CMRSA2	Negative	QC	t002	r26r23r17r34r17r20r17r12r17r16
669	2007	CMRSA2	CMRSA2	Negative	QC	t002	r26r23r17r34r17r20r17r12r17r16
1801	2007	none	none	Negative	QC	t186	r07r12r21r17r13r13r34r34r33r34
1530	2007	CMRSA2	CMRSA2	Negative	QC	t002	r26r23r17r34r17r20r17r12r17r16
669	2007	CMRSA2	CMRSA2	Negative	QC	t002	r26r23r17r34r17r20r17r12r17r16
1197	2007	CMRSA2	CMRSA2	Negative	QC	t002	r26r23r17r34r17r20r17r12r17r16
1083	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1803	2007	CMRSA2	CMRSA2	Negative	ON	t088	r26r23r17r34r17r20r17r12r12r17r16
1732	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1304	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1304	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1804	2007	none	CMRSA2	Negative	ON	t088	r26r23r17r34r17r20r17r12r12r17r16
1083	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1802	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1083	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
443	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1304	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1452	2007	none	none	Negative	ON	t216	r04r20r17r20r17r31r16r34
645	2007	CMRSA7	CMRSA7	Negative	ON	t128	r07r23r23r21r16r34r33r13
944	2007	CMRSA2	CMRSA2	Negative	ON	t003	r26r17r20r17r12r17r17r16
1304	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
903	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
552	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
903	2007	CMRSA2	CMRSA2	Negative	ON	t954	r26r23r17r34r17r17r16
1304	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	ON	t008	r11r19r12r21r17r34r24r34r22r25
443	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
927	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
927	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	ON	t008	r11r19r12r21r17r34r24r34r22r25
1462	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
557	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16

Smal PFGE Pattern	Year Isolated	PFGE assigned Epidemic Type	Predicted PFGE Epidemic Type using spa typing	PVL PCR	Province	SpaType	RepeatSuccession
704	2007	CMRSA4	CMRSA4	Negative	NL	t012	r15r12r16r02r16r02r25r17r24r24
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
790	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
790	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
54	2007	CMRSA4	CMRSA4	Negative	NL	t012	r15r12r16r02r16r02r25r17r24r24
1772	2007	CMRSA3	CMRSA3	Negative	AB	t037	r15r12r16r02r25r17r24
68	2007	CMRSA6	CMRSA6	Negative	AB	t037	r15r12r16r02r25r17r24
708	2007	CMRSA2	CMRSA2	Negative	AB	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	AB	t008	r11r19r12r21r17r34r24r34r22r25
708	2007	CMRSA2	CMRSA2	Negative	AB	t002	r26r23r17r34r17r20r17r12r17r16
68	2007	CMRSA6	CMRSA6	Negative	AB	t037	r15r12r16r02r25r17r24
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	AB	t008	r11r19r12r21r17r34r24r34r22r25
68	2007	CMRSA6	CMRSA6	Negative	AB	t037	r15r12r16r02r25r17r24
1259	2007	CMRSA10	CMRSA10	Positive	AB	t818	r11r19r12r21r17r34
1796	2007	CMRSA10	<b>CMRSA10-New Type</b>	Positive	AB	<b>t2067</b>	<b>r11r19r12r21r16r34r24r34r22r25</b>
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	AB	t008	r11r19r12r21r17r34r24r34r22r25
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	AB	t008	r11r19r12r21r17r34r24r34r22r25
176	2007	CMRSA7	CMRSA7	Positive	AB	t128	r07r23r23r21r16r34r33r13
1028	2007	CMRSA10	CMRSA10	<b>Positive</b>	AB	t008	r11r19r12r21r17r34r24r34r22r25
68	2007	CMRSA6	CMRSA6	Negative	AB	t037	r15r12r16r02r25r17r24
68	2007	CMRSA6	CMRSA6	Negative	AB	t037	r15r12r16r02r25r17r24
68	2007	CMRSA6	CMRSA6	Negative	AB	t037	r15r12r16r02r25r17r24
68	2007	CMRSA6	CMRSA6	Negative	AB	t037	r15r12r16r02r25r17r24
1797	2007	none	<b>CMRSA2-New Type</b>	Negative	AB	<b>t688</b>	<b>r26r23r17r34r17r16</b>
68	2007	CMRSA6	CMRSA6	Negative	AB	t037	r15r12r16r02r25r17r24
919	2007	CMRSA2	CMRSA2	Negative	AB	t242	r26r23r17r13r17r20r17r12r17r16
443	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
591	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
18	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
30	2007	CMRSA2	CMRSA2	Negative	ON	t003	r26r17r20r17r12r17r17r16
1028	2007	CMRSA10	CMRSA10	<b>Positive</b>	ON	t008	r11r19r12r21r17r34r24r34r22r25
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25

Smal PFGE Pattern	Year Isolated	PFGE assigned Epidemic Type	Predicted PFGE Epidemic Type using spa typing	PVL PCR	Province	SpaType	RepeatSuccession
1091	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
473	2007	CMRSA10	CMRSA10	Positive	ON	t024	r11r12r21r17r34r24r34r22r25
552	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
552	2007	CMRSA2	CMRSA2	Negative	ON	t2066	r26r23r17r34r17r20r17r12r17r12r17r16
1304	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
552	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1606	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1301	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1452	2007	none	none	Negative	ON	t216	r04r20r17r20r17r31r16r34
18	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1606	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	CMRSA10	Positive	ON	t190	r11r17r34r24r34r22r25
18	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	ON	t008	r11r19r12r21r17r34r24r34r22r25
1705	2007	ST59 CA-MRSA	<b>ST59 CA-MRSA Clone</b>	Positive	ON	t437	r04r20r17r20r17r25r34
1606	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
18	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1625	2007	CMRSA10	CMRSA10	<b>Positive</b>	QC	t008	r11r19r12r21r17r34r24r34r22r25
1311	2007	CMRSA2	CMRSA2	Negative	QC	t002	r26r23r17r34r17r20r17r12r17r16
1311	2007	CMRSA2	CMRSA2	Negative	QC	t002	r26r23r17r34r17r20r17r12r17r16
1856	2007	CMRSA10	CMRSA10	<b>Positive</b>	QC	t008	r11r19r12r21r17r34r24r34r22r25
1311	2007	CMRSA2	CMRSA2	Negative	QC	t002	r26r23r17r34r17r20r17r12r17r16
1671	2007	CMRSA2	CMRSA2	Negative	QC	t002	r26r23r17r34r17r20r17r12r17r16
708	2007	CMRSA2	CMRSA2	Negative	QC	t002	r26r23r17r34r17r20r17r12r17r16
552	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
704	2007	CMRSA4	CMRSA4	Negative	NL	t012	r15r12r16r02r16r02r25r17r24r24
552	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
1389	2007	none	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
1713	2007	none	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
1389	2007	none	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
1389	2007	none	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16

Smal PFGE Pattern	Year Isolated	PFGE assigned Epidemic Type	Predicted PFGE Epidemic Type using spa typing	PVL PCR	Province	SpaType	RepeatSuccession
612	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
1762	2007	none	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
557	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
591	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
2	2007	CMRSA1	CMRSA1	Negative	ON	t004	r09r02r16r13r13r17r34r16r34
1396	2007	CMRSA10	CMRSA10	<b>Positive</b>	ON	t008	r11r19r12r21r17r34r24r34r22r25
1197	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1786	2007	none	none	Negative	ON	t186	r07r12r21r17r13r13r34r34r33r34
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	SK	t008	r11r19r12r21r17r34r24r34r22r25
68	2007	CMRSA6	CMRSA6	Negative	SK	t037	r15r12r16r02r25r17r24
142	2007	CMRSA7	<b>CMRSA7-New Type</b>	Positive	SK	<b>t2593</b>	<b>r07r23r21r34r33r13</b>
68	2007	CMRSA6	CMRSA6	Negative	SK	t037	r15r12r16r02r25r17r24
591	2007	CMRSA2	CMRSA2	Negative	BC	t002	r26r23r17r34r17r20r17r12r17r16
18	2007	CMRSA2	CMRSA2	Negative	BC	t002	r26r23r17r34r17r20r17r12r17r16
1857	2007	CMRSA2	CMRSA2	Negative	BC	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	<b>CMRSA10-New Type</b>	Positive	BC	<b>t068</b>	<b>r11r19r19r12r21r17r34r24r34r22r25</b>
1082	2007	CMRSA2	CMRSA2	Negative	BC	t002	r26r23r17r34r17r20r17r12r17r16
68	2007	CMRSA6	CMRSA6	Negative	BC	t037	r15r12r16r02r25r17r24
591	2007	CMRSA2	CMRSA2	Negative	BC	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
1638	2007	CMRSA2	CMRSA2	Negative	BC	t002	r26r23r17r34r17r20r17r12r17r16
1703	2007	CMRSA2	CMRSA2	Negative	BC	t002	r26r23r17r34r17r20r17r12r17r16
1091	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
997	2007	CMRSA6	CMRSA6	Negative	BC	t037	r15r12r16r02r25r17r24
1631	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
1580	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
68	2007	CMRSA6	CMRSA6	Negative	BC	t037	r15r12r16r02r25r17r24

Smal PFGE Pattern	Year Isolated	PFGE assigned Epidemic Type	Predicted PFGE Epidemic Type using spa typing	PVL PCR	Province	SpaType	RepeatSuccession
1673	2007	CMRSA6	CMRSA6	Negative	BC	t037	r15r12r16r02r25r17r24
591	2007	CMRSA2	CMRSA2	Negative	BC	t002	r26r23r17r34r17r20r17r12r17r16
68	2007	CMRSA6	CMRSA6	Negative	BC	t037	r15r12r16r02r25r17r24
1580	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
1091	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
1703	2007	CMRSA2	CMRSA2	Negative	BC	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
1875	2007	CMRSA10	CMRSA10	Positive	BC	t1635	r11r19r12r21r17r34r25
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
591	2007	CMRSA2	CMRSA2	Negative	BC	t002	r26r23r17r34r17r20r17r12r17r16
591	2007	CMRSA2	CMRSA2	Negative	BC	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
1335	2007	CMRSA10	<b>CMRSA10-New Type</b>	Positive	BC	<b>t1767</b>	<b>r11r19r12r21r17r34r24r34r22r25</b>
68	2007	CMRSA6	CMRSA6	Negative	BC	t037	r15r12r16r02r25r17r24
1703	2007	CMRSA2	CMRSA2	Negative	BC	t002	r26r23r17r34r17r20r17r12r17r16
1703	2007	CMRSA2	CMRSA2	Negative	BC	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
68	2007	CMRSA6	CMRSA6	Negative	BC	t037	r15r12r16r02r25r17r24
591	2007	CMRSA2	CMRSA2	Negative	BC	t002	r26r23r17r34r17r20r17r12r17r16
1876	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
1703	2007	CMRSA2	CMRSA2	Negative	BC	t002	r26r23r17r34r17r20r17r12r17r16
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
1138	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	BC	t008	r11r19r12r21r17r34r24r34r22r25
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	ON	t008	r11r19r12r21r17r34r24r34r22r25
1304	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1304	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1855	2007	none	<b>Required PFGE (CMRSA9)</b>	<b>Negative</b>	ON	t008	r11r19r12r21r17r34r24r34r22r25
473	2007	CMRSA10	CMRSA10	<b>Positive</b>	ON	t008	r11r19r12r21r17r34r24r34r22r25
1304	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
38	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
18	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16



Smal PFGE Pattern	Year Isolated	PFGE assigned Epidemic Type	Predicted PFGE Epidemic Type using spa typing	PVL PCR	Province	SpaType	RepeatSuccession
1304	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1304	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1304	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1304	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1606	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
1606	2007	CMRSA2	CMRSA2	Negative	ON	t002	r26r23r17r34r17r20r17r12r17r16
919	2007	CMRSA2	CMRSA2	Negative	NB	t002	r26r23r17r34r17r20r17r12r17r16
859	2007	CMRSA2	CMRSA2	Negative	NB	t067	r26r23r17r34r17r20r17r12r17
903	2007	CMRSA2	CMRSA2	Negative	NB	t002	r26r23r17r34r17r20r17r12r17r16
601	2007	CMRSA2	CMRSA2	Negative	NB	t002	r26r23r17r34r17r20r17r12r17r16
164	2007	CMRSA2	CMRSA2	Negative	NB	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
14	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
1389	2007	none	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
1234	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
528	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
528	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
620	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
620	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
546	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16
731	2007	CMRSA4	CMRSA4	Negative	NL	t012	r15r12r16r02r16r02r25r17r24r24
552	2007	CMRSA2	CMRSA2	Negative	NL	t045	r26r17r20r17r12r17r16
18	2007	CMRSA2	CMRSA2	Negative	NL	t002	r26r23r17r34r17r20r17r12r17r16