

Appendix 1 Number of pathogenic families matched by the samples and statistical analysis

Sample number	Sequence types	Pathogenic families matched
P8_2	ST23	588
P8_1	ST23	588
P2_1	ST23	589
P2_2	ST23	587
P18	ST23	584
P9	ST23	574
P17	ST23	578
P27	ST23	577
P13	ST23	575
P30_4	ST11	380
P30_2	ST11	379
P30_3	ST11	379
P11	ST268	359
P26	ST485	340
P12	ST45	333
P25	ST412	326
P3_3	ST11	331
P3_2	ST11	331
P3_1	ST11	330
P29	ST65	329
P21_2	ST11	322
P21_1	ST11	322
P20	ST11	321
P30_1	ST11	322
P10	ST412	319
P22	ST86	314
P14	ST592	309
P15	ST1266	305
P6	ST29	313
P5	ST15	306
P4	ST380	293
P28	ST252	303
P16	ST380	290
P1	ST611	291
P24	ST791	282
P19	ST-	291
P23	ST111	284
P7	ST5781	194

Statistical analysis (Wilcoxon test)

Group	P value
ST23 and non-ST23	7.99E-06
ST23 and ST11	0.000268
ST11 and non-G6ST11	0.4966