

Table S2 Virulence factors that differ among ST37 isolates

Category	Source	clinical						restaurant cooking environment		meat				fish		
	Strain	GIMC206 3:LmcUH 21	GIMC208 2:LmcIH 1-5	GIMC209 4:LmcH6 7_7	GIMC211 2:LmcIH 1-8	GIMC211 3:LmcIH 1-9	GIMC213 4:LmcEH 7	GIMC202 6:LmcBD 14	GIMC202 7:LmcBD 15	GIMC205 4:Lmc688 8	GIMC207 1:Lmc986 4	GIMC210 6:Lmc107 04	GIMC210 7:Lmc113 63	GIMC205 3:Lmc664 6	GIMC210 3:Lmc694 2	GIMC210 5:Lmc102 58
	Locus/Allele															
adhesion	ami (lmo2558) autolysin Ami	13	13	13	13	13	SNV of 197	SNV of 13	SNV of 13	13	13	13	13	13	13	13
	lap (lmo1634)	10	10	10	10	10	10	10	10	10	10	10	10	10	SNV of 10	SNV of 10
	lapB (lmo1666)	10	10	10	592 (SNV of 10)	592 (SNV of 10)	10	10	10	10	10	10	10	10	10	10
intracellular survival	purQ (lmo1769)	12	12	SNV of 12	12	12	12	12	12	12	12	12	12	12	12	12
peptidoglycan modification	pdgA (lmo0415)	7	7	SNV of 7	7	7	7	7	7	7	7	7	7	7	7	7
biofilm formation and virulence	comK (LMOF2365_2303)	pseudo gene	16	16	16	16	16	16	16	16	16	16	pseudo gene	16	16	16
teichoic acid biosynthesis	gtcA (lmo2549)	1	1	1	77 (SNV of 1)	77 (SNV of 1)	1	1	1	1	1	1	1	1	1	1
internalins	inlK (lmo1290)	1	1	1	1	1	1	SNV of 1	SNV of 1	1	SNV of 1	1	1	1	1	1
LIPI-1	plcA (lmo0201)	11	11	11	11	11	11	11	11	SNV of 11	11	11	11	11	11	11
global transcription factor	lmo1280 (codY)	17	17	17	17	17	17	17	17	17	17	17	17	59 (SNV of 17)	17	17