

Genome position	Mutation	Annotation	Gene
37,281	C→A	A798A (GCC→GCA)	carB
112,876	(T) <sub>5→6</sub>	coding	secA
242,025	Δ21,535 bp	between ISJ	ECB_00212– phoE
248,651	C→A	H180N	lpcA
539,643	G→T	pseudogene	ybcD
539,649	C→T	pseudogene	ybcD
539,661	G→C	pseudogene	ybcD
539,664	C→T	pseudogene	ybcD
539,670	T→C	pseudogene	ybcD
539,673	C→A	pseudogene	ybcD
539,679	A→G	pseudogene	ybcD
539,681	+T	pseudogene	ybcD
539,686	2 bp→A	pseudogene	ybcD
539,694	C→T	pseudogene	ybcD
539,698	C→A	pseudogene	ybcD
539,721	A→C	pseudogene	ybcD
539,827	T→G	pseudogene	ybcD
539,879	G→T	intergenic	ybcD / renD
539,891	A→G	intergenic	ybcD / renD
539,893	A→C	intergenic	ybcD / renD
539,907	G→C	intergenic	ybcD / renD
539,915	T→C	intergenic	ybcD / renD
549,746	C→T	R57R (CGC→CGT)	ybcT
549,764	A→G	A63A (GCA→GCG)	ybcT
549,767	G→C	L64L (CTG→CTC)	ybcT
549,772	A→C	E66A (GAA→GCA)	ybcT
787,879	Δ12,090 bp		ECB_00726– ECB_00739
1,003,024	C→A	D351Y (GAC→TAC)	ompF
1,003,277	A→C	F266L (TTT→TTG)	ompF
1,117,882	G→A	intergenic	csgD / csgB
1,230,063	(T) <sub>8→9</sub>	pseudogene	hlyE
1,893,290	A→C	L35* (TTA→TGA)	prc
2,103,918	(CCAG) <sub>7→8</sub>	coding	ECB_01992
2,183,354	A→G	E91E (GAA→GAG)	cdd
3,023,945	Δ777 bp		insB-22– ECB_02825
3,481,793	A→T	I37F (ATC→TTC)	malT
3,482,495	Δ20 bp	coding	malT
3,482,706	25 bp duplication*	coding	malT
3,734,067	Δ1 bp	coding	gumD
3,736,304	Δ4,894 bp	ISJ-mediated	waaC–waaT
4,141,100	G→T	R58L (CGT→CTT)	yijC