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| **Genome position** |  | **Mutation** | **Annotation** | **Gene** |
| 37,281 |  | C→A | A798A (GCC→GCA) | *carB* |
| 112,876 |  | (T)5→6 | coding | *secA* |
| 242,025 |  | Δ21,535 bp | between IS*1* | *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)8→9 | pseudogene | *hlyE* |
| 1,893,290 |  | A→C | L35\* (TTA→TGA) | *prc* |
| 2,103,918 |  | (CCAG)7→8 | 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 | IS*1*‑mediated | *waaC*–*waaT* |
| 4,141,100 |  | G→T | R58L (CGT→CTT) | *yijC* |

\*(AGTGGGAACTGGCGGCGGAGCTGCC)1→2