

**Table S4** Nucleotide and INDEL difference between reference and another copies.

Gene	Nucleotide Substitution	Insertion or Deletion	Nucleotide Substitution Sites (Position["base of reference copy "/"base of another copy"])	INDEL Sites <sup>1</sup>
<i>araD</i>	2	0	39[c/a],115[t/c]	202[del2],266[in12]
<i>gltP</i>	3	2	130[g/c],201[t/a],406[t/a]	
<i>pyrG</i>	2	0	139[t/a],140[c/t]	
<i>cog0590</i>	3	0	121[t/c],179[g/a],193[t/g]	
<i>rho</i>	4	1	45[t/g],292[a/t],377[g/a],393[t/a]	439[in12]
<i>grpE</i>	8	0	98[a/g],101[t/c],110[t/g],118[g/a],119[g/t],165[c/t],179[a/g],184[c/t]	253[in10] 220[in7]
<i>ispB</i>	1	0	156[a/g]	
<i>trpS</i>	3	0	145[a/t],163[c/a],208[a/c]	
<i>radA</i>	5	1	37[t/c],45[g/c],86[g/c],130[t/c],236[g/a]	
<i>ftsY</i>	6	1	85[c/t],103[g/a],170[c/g],171[c/t],196[t/c],275[a/g]	37[del10],231[in25] 191[del2],308[del2]
<i>hesB</i>	0	0		
<i>hscA</i>	21	2	36[t/a],82[a/g],92[t/c],138[a/g],145[c/t],158[t/g],183[g/a],198[a/c],203[a/g],207[c/g],231[a/c],237[c/t],264[c/g],277[a/c],289[c/t],318[t/c],337[g/a],363[g/a],411[a/g],434[t/c],472[g/a]	
<i>afuA</i>	7	2	149[g/a],190[c/a],249[t/c],255[a/c],272[c/t],304[t/a],309[a/g]	
<i>qor</i>	0	0		196[in3] 89[del55],290[del4] 297[in2]
<i>fabH</i>	4	0	172[t/a],190[t/a],292[t/c],297[t/a]	
<i>dxr</i>	0	1		
<i>mutM</i>	0	0		
<i>rluA</i>	7	2	46[t/a],61[t/c],233[t/a],236[g/a],239[g/t],294[a/t],340[a/t]	297[in2]
<i>pgk</i>	15	1	64[g/a],107[g/a],108[c/a],128[a/g],135[a/c],137[a/g],183[g/a],188[c/t],206[g/t],251[c/t],295[c/t],300[t/a],301[t/a],303[g/a],317[g/t]	
<i>lolE</i>	0	0		
<i>atpG</i>	3	0	41[g/t],70[a/g],487[g/a]	

<i>clpA</i>	19	1	6[a/g],36[t/c],69[a/g],116[a/g],149[g/c],156[t/g],159[g/a],161[a/t],183[c/t],184[t/t],195[t/c],217[t/c], 240[a/g], 242[c/a],280[g/t], 303[a/g],314[a/g],322[c/t],325[t/c]	187[in2]
<i>pyrD</i>	1	0	129[c/t]	
<i>bfr</i>	3	0	134[c/t],226[a/c],284[g/t]	
<i>ftsH</i>	2	0	214[c/t],215[c/t]	
<i>cog2317</i>	2	0	49[c/a],245[g/t]	
<i>mreB</i>	0	0		
<i>ftsI</i>	12	0	9[c/t],41[a/g],64[a/g],161[a/g],177[a/g],202[c/t],324[a/c],419[a/g],489[g/a],490[c/t],533[a/c],537[g/a]	
<i>htpg</i>	1	2	413[t/g]	104[del2],106[del2]
<i>dsbG</i>	0	0		

Genes which were detected by PCR from all the four strains. Other genes did not show any polymorphic sites except sequencing error. The position of the reference copy, which was used for molecular evolutionary analysis, were shown. The nucleotide sequence of reference copy of each gene was deposited in database.

<sup>1</sup>The number in parenthesis indicates the number of nucleotides, which were deleted from (del) or inserted into (in) the another copy to align the sequence of the copy against the reference sequence.