

The information of genome and oriC region	
Genome size	4639675 nt
Genome GC content	0.5079
DnaA box distribution	[DnaA box distribution]
OriC length	378 nt
OriC AT content	0.5661
The number of DnaA box	4
The location of oriC region	3923657..3924034 nt
The location of dnaA gene	3880349..3881752 nt
The extremes of GC disparity	3923620 nt (minimum), 1550413 nt (maximum)
The extremes of AT disparity	2001807 nt (minimum), 3869718 nt (maximum)
The extremes of RY disparity	3931322 nt (minimum), 1550371 nt (maximum)
The extremes of MK disparity	1606253 nt (minimum), 3921563 nt (maximum)
Note	Note that the E. coli perfect DnaA box (tatccaca) was searched for with no more than one mismatch. Note that the oriC region is closely next to a gidA gene (3921767..3923656 nt).
Z-curves	[Figure1] [Figure2]
OriC Sequence	The DnaA boxes identified in the below sequence are capitalized and also marked in bold, if any.
	<pre> ggtgattgcotgcataacgcggtatgaaatggattgaagccggccgtgattctac tcaactttgtcggcgttgagaagaacctgggatcctgggtatataaagaagatctatta tttagagatctgttctattgtgatctctattagatgcactgccTGTGGATAAcaag gatccggcttttaagatcaacaacctggaaaggatcattaaactgtgaatgatcgggtgc ctggaccgtataagctgggatcagaatgagggTTATACACAactcaaaactgaacaac agttgttcTTTGGATAActacgggtgatccaagcttcctgacagagTTATCCACAgtag atcgacgatctgtatcac </pre>

