

Supplementary materials

Table S1 GenBank accession number of genome sequences analyzed in this study

Genome	Accession number
<i>Enterobacter hormaechei</i> subsp. <i>xiangfangensis</i> LMG27195	NZ_CP017183.1
<i>Enterobacter hormaechei</i> subsp. <i>xiangfangensis</i> Pb204	NZ_CP030007.1
<i>Enterobacter hormaechei</i> subsp. <i>xiangfangensis</i> OSUVMCKPC4-2	NZ_CP029246.1
<i>Enterobacter hormaechei</i> subsp. <i>xiangfangensis</i> NS29	NZ_LDQN00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>xiangfangensis</i> NS64	NZ_LDQR00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Xiangfangensis</i> RSA8	NZ_LDQU00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Xiangfangensis</i> 41948	NZ_NDFA00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Xiangfangensis</i> ND10	NZ_JTBZ00000000.2
<i>Enterobacter hormaechei</i> subsp. <i>Xiangfangensis</i> MRSN11489	NZ_JTEP00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Xiangfangensis</i> ND4	NZ_JUIB00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Xiangfangensis</i> NDB	NZ_JUIE00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Xiangfangensis</i> CRE36	NZ_PXKP00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Xiangfangensis</i> CRE65	NZ_PXKB00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Xiangfangensis</i> 100A9	NZ_QMDD00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Xiangfangensis</i> 99G10	NZ_QMDE00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Xiangfangensis</i> ECLO_616294_SO	NZ_NRJJ00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Xiangfangensis</i> 136E4	NZ_QMCT00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Xiangfangensis</i> 34986	NZ_LAAK00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Xiangfangensis</i> GN03556	NZ_LRCH00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Xiangfangensis</i> FL-1283	NZ_LRJU00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Xiangfangensis</i> 28585	NZ_LAAZ00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Xiangfangensis</i> 34988	NZ_LAAJ00000000.1
<i>Enterobacter hormaechei</i> CAV1176	NZ_CP011662.1
<i>Enterobacter hormaechei</i> SCEH020042	NZ_CP028538.1
<i>Enterobacter hormaechei</i> AR432	NZ_CP029126.1
<i>Enterobacter hormaechei</i> S13	CP031565.1
<i>Enterobacter hormaechei</i> ATCC 49162	NZ_AFHR00000000.1
<i>Enterobacter hormaechei</i> YT3	NZ_ANID00000000.1
<i>Enterobacter hormaechei</i> YT2	NZ_ANIA00000000.1
<i>Enterobacter hormaechei</i> EC015	NZ_NXJF00000000.1
<i>Enterobacter hormaechei</i> ST-234: K063	NZ_NXJN00000000.1
<i>Enterobacter hormaechei</i> K130	NZ_NXKO00000000.1
<i>Enterobacter hormaechei</i> YDC518	NZ_PGIM00000000.1
<i>Enterobacter hormaechei</i> AR_0366	NZ_PSQT00000000.1
<i>Enterobacter hormaechei</i> AUH-ENM5	NZ_PYHA00000000.1
<i>Enterobacter hormaechei</i> EH37	NZ_PVWV00000000.1
<i>Enterobacter hormaechei</i> TUM10673	NZ_BEEN00000000.1

<i>Enterobacter hormaechei</i> KOO6	NZ_NXJH00000000.1
<i>Enterobacter hormaechei</i> 153C2	NZ_QMCQ00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Hormaechei</i> 35666	NZ_JZZC00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Steigerwaltii</i> 34980	NZ_LAAN00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Steigerwaltii</i> 35638	NZ_JZH00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Steigerwaltii</i> 35681	NZ_JYZ00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Steigerwaltii</i> GN02097	NZ_LDCF00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Oharae</i> DSM16687	NZ_CP017180.1
<i>Enterobacter hormaechei</i> subsp. <i>Hoffmannii</i> DSM14563	NZ_CP017186.1
<i>Enterobacter hormaechei</i> subsp. <i>Hoffmannii</i> AR_0365	NZ_CP027142.1
<i>Enterobacter hormaechei</i> subsp. <i>Hoffmannii</i> ST145:950180354	NZ_LJDP00000000.2
<i>Enterobacter hormaechei</i> subsp. <i>Hoffmannii</i> 2845	NZ_NIZG00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Hoffmannii</i> 10_14_15	NZ_NIZH00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Hoffmannii</i> 2840_1	NZ_NIZM00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Hoffmannii</i> Q9	NZ_NIZF00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Hoffmannii</i> GN02768	NZ_LED00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Hoffmannii</i> MRSN 11248	NZ_LBLX00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>Hoffmannii</i> GN02358	NZ_LEED00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>hoffmannii</i> ECNIH3	NZ_CP008897.1
<i>Enterobacter hormaechei</i> subsp. <i>hoffmannii</i> ECR091	NZ_CP008905.1
<i>Enterobacter hormaechei</i> subsp. <i>hoffmannii</i> UCICRE 9	NZ_AYIG00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>hoffmannii</i> UCI 50	NZ_JCKK00000000.1
<i>Enterobacter hormaechei</i> subsp. <i>hoffmannii</i> MGH 13	NZ_JCLL00000000.1

Table S2 General characteristics of the *Enterobacter hormaechei* L51 genome

Genomic character	<i>Enterobacter hormaechei</i> ST1103	
	chromosome	pEHZJ1
Size(bp)	5018729	343918
GC content (%)	54.8	48.4
No. of Protein-coding sequences	5061	318
No. of rRNA	25	0
No. of tRNA	85	0
No. of ISs	61	34
No. of prophage	4	2
CRISPR arrays	2	0
Accession number	CP033102	CP033103