


GENOME: Bifidobacterium longum DJO10A
[Help](#)

Entry	T00707	Complete Genome
Name	blj, BIFLD, 205913	
Definition	Bifidobacterium longum DJO10A	
Annotation	manual Show organism	
Taxonomy	TAX:205913	
Lineage	Bacteria; Actinobacteria; Bifidobacteriales; Bifidobacteriaceae; Bifidobacterium	
	Taxonomy	
Data source	GenBank (Assembly:GCA_000008945.1) BioProject:18773	
Original DB	JGI	
Comment	Isolated from a healthy young adult's feces.	
Chromosome	Circular	
Sequence	GB:CP000605	
Length	2375792	
Plasmid	pDOJH10L; Circular	
Sequence	GB:AF538868	
Length	10073	
Plasmid	pDOJH10S; Circular	
Sequence	GB:AF538869 (G)	
Length	3661	
Statistics	Number of nucleotides:	2389526
	Number of protein genes:	2000
	Number of RNA genes:	72
Created	2008	
Reference	PMID:18505588	
Authors	Lee JH et al.	
Title	Comparative genomic analysis of the gut bacterium Bifidobacterium longum reveals loci susceptible to deletion during pure culture growth.	
Journal	BMC Genomics 9:247 (2008) DOI:10.1186/1471-2164-9-247	
Reference	PMID:16391088 (plasmids)	
Authors	Lee JH, O'Sullivan DJ.	
Title	Sequence analysis of two cryptic plasmids from Bifidobacterium longum DJO10A and construction of a shuttle cloning vector.	
Journal	Appl Environ Microbiol 72:527-35 (2006) DOI:10.1128/AEM.72.1.527-535.2006	

All links

[Ontology \(44\)](#)
[KEGG BRITE \(44\)](#)
[Pathway \(157\)](#)
[KEGG PATHWAY \(99\)](#)
[KEGG MODULE \(58\)](#)
[Genome \(1\)](#)
[ASSEMBLY \(1\)](#)
[Gene \(12165\)](#)
[KEGG GENES \(2072\)](#)
[KEGG MGENES \(8487\)](#)
[RefGene \(1606\)](#)
[DNA sequence \(3\)](#)
[GenBank \(3\)](#)
[Literature \(2\)](#)
[PubMed \(2\)](#)
[Taxonomy \(1\)](#)
[TAX \(1\)](#)
[All databases \(12373\)](#)

[Download RDF](#)

DBGET integrated database retrieval system