

Strain identifier

BacDive ID:	6404	DOI:	10.13145/bacdive6404.20191129.4.1
Type strain:	yes	Designation:	L917 Scav
Culture col. no.:	DSM 20079, ATCC 4356, NCDO 1748, NCIB 8690, WDCM 00098, CCUG 5917, IFO 13951, CCM 4833		

Sections

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Name and taxonomic classification

Ref.: 8506	Domain	Bacteria
Ref.: 8506	Phylum	Firmicutes
Ref.: 8506	Class	Bacilli
Ref.: 8506	Order	Lactobacillales
Ref.: 8506	Family	Lactobacillaceae
Ref.: 8506	Genus	Lactobacillus
Ref.: 8506	Species	Lactobacillus acidophilus
Ref.: 8506	Full Scientific Name	Lactobacillus acidophilus (Moro 1900) Hansen and Møcquot 1970
Ref.: 8506	Designation:	L917 Scav
Ref.: 8506	Type strain:	yes

Prokaryotic Nomenclature Up-to-date (PNU)

Ref.: 20215	Domain	Bacteria
Ref.: 20215	Phylum	Firmicutes
Ref.: 20215	Class	Bacilli
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 38:220
Ref.: 20215	Family	Lactobacillaceae
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 30:225
Ref.: 20215	Genus	Lactobacillus



Ref.: 20215	Taxonomical status	genus (AL)
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 30:225
Ref.: 20215	Species	Lactobacillus acidophilus
Ref.: 20215	Taxonomical status	comb. nov. (AL)
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 30:225
Ref.: 20215	Full Scientific Name	Lactobacillus acidophilus (Moro 1900) Hansen and Mocquot 1970

Morphology and physiology

Ref.: 8506	Name of produced compound	DL lactic acid
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Fatty acid profile

Type of FA analysis	whole cell analysis	
Incubation medium		
Agar/liquid		
Incubation temperature (°C)		
Incubation time (d)		
Incubation pH		
Incubation oxygen condition		
Treatment/condition		
Software version		
Library/peak naming table		
FA_system		
FA_instrument		
Method/protocol	CCUG	
Cutoff value		
Reference	Ref.: 44877	
Fatty acid	Percentage	ECL
14:0	3.6	14.0
16:0	16.9	16.0
18:0	8.3	18.0
16:1 ω7c	3.3	15.819
18:1 ω9c	31.3	17.769
18:2 ω6,9c/18:0 ANTE	33.8	17.724
19:0 CYCLO ω9c	2.8	18.87

Ref.: 8506	API 50CHac
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API ID	4647	4244	4243	4242	4241
Q	-	-	-	-	-
GLY	-	-	-	-	-
ERY	-	-	-	-	-
DARA	-	-	-	-	-
LARA	-	-	-	-	-
RIB	-	-	-	-	-
DXYL	-	-	-	-	-
LXYL	-	-	-	-	-
ADO	-	-	-	-	-
MDX	-	-	-	-	-
GAL	-	-	-	-	-
GLU	+	+	+	+	+
FRU	+	+	+	+	+
MNE	+	+	+	+	+
SBE	-	-	-	-	-
RHA	-	-	-	-	-
DUL	-	-	-	-	-
INO	-	-	-	-	-
MAN	-	-	-	-	-
SOR	-	-	-	-	-
MDM	-	-	-	-	-
MDG	-	-	-	-	-
NAG	+	+	+	+	+
AMY	+	+	+	+	+
ARB	-	-	-	-	-
ESC	+	+	+	+	+
SAL	+	+	+	+	+
CEL	+	+	+	+	+
MAL	+	+	+	+	+
LAC	+	+	+	+	+
MEL	-	-	-	-	-
SAC	+	+	+	+	+
TRE	+	+	+	+	+
INU	-	-	-	-	-
MLZ	-	-	-	-	-
RAF	-	-	-	-	-
AMD	-	-	-	-	-



GLYG	-	-	-	-	-
XLT	-	-	-	-	-
GEN	+	+	+	+	+
TUR	-	-	-	-	-
LYX	-	-	-	-	-
TAG	-	-	-	-	-
DFUC	-	-	-	-	-
LFUC	-	-	-	-	-
DARL	-	-	-	-	-
LARL	-	-	-	-	-
GNT	-	-	-	-	-
2KG	-	-	-	-	-
5KG	-	-	-	-	-

Ref.: 44877

API coryne

API ID	1779
NIT	-
PYZ	+
PYRA	-
PAL	-
betaGUR	-
betaGAL	+
alphaGLU	-
betaNAG	-
ESC	+
URE	-
GEL	-
Control	-
GLU	n.d.
RIB	-
XYL	-
MAN	-
MAL	+
LAC	-
SAC	+
GLYG	-
CAT	-



Ref.: 22928	Antibiotica	Chebi ID	Metabolite
		18208	Penicillin G

Ref.:	Metabolite utilization	Chebi ID	Metabolite	Utilization activity	Kind of utilization tested
		22927		17057	Cellobiose
22928		17113	Erythritol	-	growth
22927		28260	Galactose	+/-	growth
22927		28066	Gentiobiose	+	growth
22927		28087	Glycogen	-	growth
22928		28087	Glycogen	+	growth
22928		29864	Mannitol	-	growth
22928		37684	Mannose	+	growth
22927		16634	Raffinose	+/-	growth
22928		30911	Sorbitol	-	growth
22927		28017	Starch	+/-	growth
22928		17992	Sucrose	+	growth
22927		27082	Trehalose	+/-	growth

Ref.: 8506	Murein short key	A11.31
Ref.: 8506	Murein types	A4alpha L-Lys-D-Asp
Ref.: 8506	Oxygen tolerance	anaerobe

Culture and growth conditions

Ref.: 8506	Culture medium	MRS MEDIUM WITH CYSTEINE (DSMZ Medium 232), 37°C, prereduced (oxygen-free), anaerobic
Ref.: 8506	Culture medium growth	yes
Ref.: 8506	Culture medium link	https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium232.pdf

Ref.: 41980	Culture medium	MEDIUM 40- for Lactobacillus and Leuconostoc
Ref.: 41980	Culture medium growth	yes
Ref.: 41980	Culture medium composition	Distilled water make up to (1000.000 ml);Man Rogosa Sharp agar (68.000 g)

Ref.: 8506	Temperatures	Kind of temperature	Temperature
		growth	37 °C
		growth	30 °C

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growth	30 °C
growth	37 °C

[Ref.: 44877](#)
[Ref.: 8506](#) **Temperature range** mesophilic

[Ref.: 41980](#) **Temperature range** mesophilic

[Ref.: 44877](#) **Temperature range** mesophilic

Isolation, sampling and environmental information

[Ref.: 8506](#) **Sample type/isolated from** human

[Ref.: 44877](#) **Sample type/isolated from** Human

Isolation sources categories

Cat1	Cat2	Cat3
#Host	#Human	-

Application and interaction

[Ref.: 8506](#) **Pathogenicity (human)** yes

[Ref.: 8506](#) **Biosafety level** 1 Risk group (German classification)

Molecular biology

[Ref.: 8506](#) **GC-content** 32.0 mol%

	Sequence database	Sequence accession description	Sequence accession number	Sequence length(bp)	Associated NCBI tax ID
Ref.: 8506	whole genome shotgun sequence, Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus DSM 20079 = JCM 1132 = NBRC 13951 strain DSM 20079, whole genome shotgun sequencing project	AZCS00000000	30	1423717
Ref.: 20218	INSDC Sequence	Sequence 1 from Patent WO9709448	A61361	205	1579
Ref.: 20218	Marker Gene (DDBJ Direct submission)	Lactobacillus acidophilus gene for 16S rRNA, partial sequence, strain: YIT 0070 (= ATCC 4356)	AB008203	1553	1579

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Ref.: 20218	Marker Gene (DDBJ Direct submission)	Lactobacillus acidophilus genes for 16S rRNA, 16S-23S intergenic spacer region, 23S rRNA, partial and complete sequence, strain:ATCC 4356	AB092634	709	1579	*
Ref.: 20218	Marker Gene (DDBJ Direct submission)	Lactobacillus acidophilus minD gene for cell division inhibitor, complete cds, strain: ATCC 4356	AB725355	798	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus ATCC 4356 16S ribosomal RNA gene, partial sequence	AF429493	504	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain ATCC 4356 16S ribosomal RNA gene, partial sequence; 16S-23S intergenic spacer, complete sequence; and 23S ribosomal RNA gene, partial sequence	AF429580	519	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain ATCC 4356 60 kDa heat shock protein (HSP60) gene, partial cds	AF429667	552	1579	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	Lactobacillus acidophilus partial mRNA for putative elongation factor Tu (tuf gene), strain ATCC4356	AJ418902	761	1579	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	Lactobacillus acidophilus 23S rRNA gene, strain ATCC 4356	AJ620360	2891	1579	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	Sequence 321 from Patent WO0123604	AX109588	834	1579	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	Sequence 1680 from Patent WO0123604	AX110947	823	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain ATCC 4356 ATP synthase beta chain (atpD) gene, partial cds	AY487161	1115	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus ATCC:4356 heterodimeric beta-galactosidase large subunit (lacL) and heterodimeric beta-galactosidase small subunit (lacM) genes, complete cds	EU590651	2834	1579	*



Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus ATCC:4356 beta-galactosidase (lacZ) gene, complete cds	EU590652	2017	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain ATCC 4356 recombinase A (recA) gene, partial cds	KF316552	534	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain ATCC 4356 CTP synthetase (pyrG) gene, partial cds	KF316604	495	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain ATCC 4356 GTP-binding protein (lepA) gene, partial cds	KF316656	489	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain ATCC 4356 DNA gyrase subunit B (gyrB) gene, partial cds	KF316708	465	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain ATCC 4356 DNA gyrase subunit A (gyrA) gene, partial cds	KF316760	534	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain ATCC 4356 phosphoglycerate mutase (gpmA) gene, partial cds	KF316812	447	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain ATCC 4356 translation elongation factor G (fusA) gene, partial cds	KF316864	555	1579	*
Ref.: 20218	INSDC Sequence	Lactobacillus acidophilus 16S ribosomal RNA	M58802	1569	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus 16S-23S rRNA spacer region	U32971	206	1579	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	L.acidophilus gene for surface layer protein	X71412	1485	1579	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	L.acidophilus DNA for SA-protein gene	X89375	1736	1579	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	L.acidophilus DNA for SB-protein gene	X89376	1765	1579	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	L.acidophilus rrn operon, 16S-23S rRNA spacer (short)	Z75472	204	1579	*



Ref.: 20218	Marker Gene (EMBL Direct submission)	L.acidophilus rrn operon, 16S-23S rRNA spacer (long), tRNA-Ile and tRNA-Ala genes	Z75473	451	1579	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	L.acidophilus rrn operon, 23S-5S rRNA spacer	Z75474	69	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain BCRC10695 16S ribosomal RNA gene, complete sequence	AY773947	1478	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain BCRC 10695 DNA gyrase subunit B (gyrB) gene, partial cds	EU647686	777	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain BCRC 10695 recombinase A gene, partial cds	JN226833	302	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain CECT 903 recombinase A (recA) gene, partial cds	FJ557014	660	1579	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF18-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000001	93646	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF25-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000002	47170	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF9-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000003	73674	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF2-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000004	52644	1226675	*



Lactobacillus acidophilus

Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF23-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000005	33987	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF4-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000006	26540	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF5-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000007	24091	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF13-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000008	35302	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF15-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000009	22421	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF10-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000010	2288	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF14-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000011	30647	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF21-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000012	40123	1226675	*



Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF26-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000013	2355	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF32-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000014	1080	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF38-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000015	3073	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF7-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000016	1025	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF19-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000017	26685	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF20-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000018	9919	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF8-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000019	136418	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF12-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000020	58772	1226675	*



Lactobacillus acidophilus

Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF39-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000021	1097	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF39-CIP76.13-Contig2, whole genome shotgun sequence	CBLQ010000022	14434	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF1-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000023	166831	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF86-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000024	81575	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF86-CIP76.13-Contig2, whole genome shotgun sequence	CBLQ010000025	30882	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF86-CIP76.13-Contig3, whole genome shotgun sequence	CBLQ010000026	86460	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF86-CIP76.13-Contig4, whole genome shotgun sequence	CBLQ010000027	4302	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF86-CIP76.13-Contig5, whole genome shotgun sequence	CBLQ010000028	139512	1226675	*



Lactobacillus acidophilus

Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF86-CIP76.13-Contig6, whole genome shotgun sequence	CBLQ010000029	208	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF86-CIP76.13-Contig7, whole genome shotgun sequence	CBLQ010000030	55547	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF86-CIP76.13-Contig8, whole genome shotgun sequence	CBLQ010000031	25644	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF86-CIP76.13-Contig9, whole genome shotgun sequence	CBLQ010000032	47948	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF86-CIP76.13-Contig10, whole genome shotgun sequence	CBLQ010000033	42755	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF86-CIP76.13-Contig11, whole genome shotgun sequence	CBLQ010000034	19343	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF86-CIP76.13-Contig12, whole genome shotgun sequence	CBLQ010000035	40421	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF86-CIP76.13-Contig13, whole genome shotgun sequence	CBLQ010000036	95448	1226675	*



Lactobacillus acidophilus

Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF31-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000037	28523	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF31-CIP76.13-Contig2, whole genome shotgun sequence	CBLQ010000038	50734	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF31-CIP76.13-Contig3, whole genome shotgun sequence	CBLQ010000039	30438	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF31-CIP76.13-Contig4, whole genome shotgun sequence	CBLQ010000040	7080	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF31-CIP76.13-Contig5, whole genome shotgun sequence	CBLQ010000041	17810	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF31-CIP76.13-Contig6, whole genome shotgun sequence	CBLQ010000042	32881	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF33-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000043	12595	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF22-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000044	12828	1226675	*



Lactobacillus acidophilus

Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF30-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000045	23610	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF30-CIP76.13-Contig2, whole genome shotgun sequence	CBLQ010000046	48006	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF30-CIP76.13-Contig3, whole genome shotgun sequence	CBLQ010000047	6120	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF30-CIP76.13-Contig4, whole genome shotgun sequence	CBLQ010000048	8180	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF11-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000049	63732	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF34-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000050	7670	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF29-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000051	4812	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF3-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000052	13797	1226675	*

Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF17-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000053	1403	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF24-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000054	1846	1226675	*
Ref.: 20218	Whole Genome Shotgun (WGS) Sequence INSDC	Lactobacillus acidophilus CIP 76.13 WGS project CBLQ000000000 data, contig SCF28-CIP76.13-Contig1, whole genome shotgun sequence	CBLQ010000055	3103	1226675	*
Ref.: 20218	EMBL Genome project data	Lactobacillus acidophilus partial 16S rRNA gene, strain VPI 6032	FR683087	1531	1579	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	TPA: Lactobacillus acidophilus CIP 76.13 transfer-messenger mRNA Lacto_acido_NCFM, single chain mature transcript	HG783362	369	1226675	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus RNA polymerase beta subunit (rpoB) gene, partial cds	AY122484	315	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain DSM 20079 GroEL (hsp60) gene, partial cds	AY424311	506	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain DSM 20079 16S ribosomal RNA gene, partial sequence	EF468098	262	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain DSM 20079 16S ribosomal RNA gene, partial sequence	HQ012028	936	1579	*
Ref.: 20218	Marker Gene (DDBJ Direct submission)	Lactobacillus acidophilus gene for 16S rRNA, partial sequence, strain: JCM 1132	AB289017	688	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus 16S ribosomal RNA, partial sequence; 16S/23S intergenic spacer region, complete sequence; and 23S ribosomal RNA partial sequence	AF182726	661	1579	*

Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain KCTC 3164 linoleate 13-hydratase gene, complete cds	KJ560553	1773	1579	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Lactobacillus acidophilus strain KCTC 3164 10-hydratase gene, complete cds	KJ560554	1776	1579	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	Lactobacillus acidophilus pheS gene for phenylalanyl-tRNA synthase alpha subunit, type strain LMG 9433T	AM087677	453	1579	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	Lactobacillus acidophilus rpoA gene for RNA polymerase alpha subunit, type strain LMG 9433T	AM087860	454	1579	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	Lactobacillus acidophilus atpA gene for ATP synthase alpha subunit, type strain LMG 9433T	AM087891	825	1579	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	Lactobacillus acidophilus pheS gene for phenylalanyl tRNA synthetase alpha subunit, strain LA5, isolate TUTBF-U, clone H02_U_phes21_002.ab1	HE662779	360	1579	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	Lactobacillus acidophilus pheS gene for phenylalanyl tRNA synthetase alpha subunit, strain LMG 9433T, isolate TUTBF-V, clone H01_V_phes21_001.ab1	HE662780	423	1579	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	Lactobacillus acidophilus rpoA gene for RNA polymerase, strain LA5, isolate TUTBF-U, clone D04_U_rpoA21_026.ab1	HE662797	750	1579	*
Ref.: 20218	Marker Gene (DDBJ Direct submission)	Lactobacillus acidophilus gene for 16S rRNA, partial sequence, strain: NBRC 13951	AB680529	1489	1579	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	L.acidophilus 16S rRNA gene	X61138	1379	1579	*

Strain availability

Ref.: 8506

Culture collection no.

DSM 20079, ATCC 4356, NCDO 1748, NCIB 8690, WDCM 00098, CCGUG 5917, IFO 13951, CCM 4833

Ref.: 8506 **Strain history** <- P.A. Hansen, L917 <- W.L. Kulp, strain Scav

Associated Passport(s) in StrainInfo

Ref.: 20218 13010 - <http://www.straininfo.net/strains/13010>
Ref.: 20218 13006 - <http://www.straininfo.net/strains/13006>
Ref.: 20218 137310 - <http://www.straininfo.net/strains/137310>
Ref.: 20218 122125 - <http://www.straininfo.net/strains/122125>
Ref.: 20218 866248 - <http://www.straininfo.net/strains/866248>

References

Ref.: 8506 Leibniz Institut DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH; Curators of the DSMZ; DSM 20079

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Ref.: 20218 Verslyppe, B., De Smet, W., De Baets, B., De Vos, P., Dawyndt P. StrainInfo introduces electronic passports for microorganisms.. Syst Appl Microbiol. 37: 42-50 2014 (10.1016/j.syapm.2013.11.002, 24321274)

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Ref.: 41980 None; Curators of the CIP; None

Ref.: 44877 Culture Collection University of Gothenburg (CCUG); Curators of the CCUG; CCUG 5917

*** These References are textmined**

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