

Table S1. Partial 16S rRNA gene sequence of *L. brevis* KCCM12203P

Number	Nucleotide sequence of partial 16S rRNA gene of <i>L. brevis</i> KCCM12203P					
1	cgctgcgctg	cctatacatg	cagtcgaacg	agcttccgtt	gaatgacgtg	cttgcactga
61	tttcaacaat	gaagcgagtg	gcgaactggt	gagtaacacg	tgggaaatct	gcccagaagc
121	aggggataac	acttgaaaac	aggtgctaata	accgtataac	aacaaaatcc	gcatggattt
181	tgtttgaaag	gtggcttcgg	ctatcacttc	tggatgatcc	cgcggcgtat	tagttagttg
241	gtgaggtaaa	ggcccaccaa	gacgatgata	cgtagccgac	ctgagagggt	aatcggccac
301	attgggactg	agacacggcc	caaacctcta	cgggaggcag	cagtagggaa	tctccacaa
361	tggacgaaag	tctgatggag	caatgccgcg	tgagtgaaga	agggttccgg	ctcgtaaaaac
421	tctgttgta	aagaagaaca	cctttgagag	taactgttca	agggttgacg	gtatttaacc
481	agaaagccac	ggctaactac	gtgccagcag	ccgcggtaat	acgtagggtg	caagcgttgt
541	ccggatttat	tgggcgtaaa	gcgagcgcag	gcggtttttt	aagtctgatg	tgaaagcctt
601	cggcttaacc	ggagaagtgc	atcggaaact	gggagacttg	agtgcagaag	aggacagtgg
661	aactccatgt	gtagcgggtg	aatgcgtaga	tatatggaag	aacaccagtg	gcgaaggcgg
721	ctgtctagtc	tgtaactgac	gctgaggctc	gaaagcatgg	gtagcgaaca	ggattagata
781	ccctggtagt	ccatgccgta	aacgatgagt	gctaagtgtt	ggagggtttc	cgcccttcag
841	tgctgcagct	aacgcattaa	gcactccgcc	tggggagtac	gaccgcaagg	ttgaaactca
901	aaggaattga	cgggggcccg	cacaagcggg	ggagcatgtg	gttaattcgc	aagctacgcg
961	aagaacctta	ccaggtcttg	acatcttctg	ccaatcttag	agataagacg	ttcccttcgg
1021	ggacagaatg	acaggtggtg	catggtgtc	gtcagctcgt	gtcgtgagat	gttgggttaa
1081	gtcccgaac	gagcgcaacc	cttattatca	gttgccagea	ttcagttggg	cactctgggtg
1141	agactgccgg	tgacaaaaccg	gaggaagggtg	gggatgacgt	caaatcatca	tgccccttat
1201	gacctgggct	acacacgtgc	tacaatggac	ggtacaacga	gtcgcgaagt	cgtagggcta
1261	agctaatctc	ttaaagccgt	tctcagttcg	gattgtaggc	tgcaactcgc	ctacatgaag
1321	ttggaatcgc	tagtaatcgc	ggatcagcat	gccgcggtga	atacgttccc	gggccttgta
1381	cacaccgccc	gtcacacat	gagagtttgt	aacacccaaa	gccggtgaga	taaccttcgg
1441	gagtcagccg	tctaagggtg	gacagatgat	tagggtgaag	tcgtaacaag	agcc