

Additional file 2. Table S2. Oligonucleotides used in this study for qRT-PCR analysis.

Locus Tag ^a	Locus	Description	Primer sequence (5'→ 3')
<i>lp_0129</i>	<i>hsp1</i>	small heat shock protein	F ^b : TGAGCGTCATACTGGCACCTT R ^c : TCGCCGCAACGTTTGG
<i>lp_0271</i>	<i>lpdB</i>	nonoxidative aromatic acid decarboxylase, subunit B	F: GGAGCGTCCGGTACGATTT R: TGGCCGCTGATGTAACTTTTC
<i>lp_0349</i>	<i>amtB</i>	ammonium transport protein	F: GGCATGGTCGGCAGTATCAT R: TTGTGCGATTAACGGCTTTG
<i>lp_1036</i>	<i>rplB</i>	50S ribosomal protein L2	F: GCAAGGTAAGCGCCCAACT R: CCACCATGAGGGTGATCGTT
<i>lp_1424</i>	-	NADPH-dependent FMN reductase family protein	F: CACTGGTGATGCCAAATATTGAA R: GCCCTGATCATCAAAAGCTTGT
<i>lp_2799</i>	-	amino acid transport protein	F: TCGCAGGTATGGTCGCAAT R: AACAGAATCCCCATGGCAAA
<i>lp_2940</i>	-	cell surface protein precursor, LPXTG-motif cell wall anchor	F: CCTGACCGGTTTCGAGTGTTAG R: CATCATGGCCCAGAAAATGAC
<i>lp_2945</i>	<i>lpdC</i>	nonoxidative aromatic acid decarboxylase, subunit C	F: GCGGAATCATCCGTTGGA R: ACGAATCGACTTTGGATCATATTG
<i>lp_2956</i>	<i>tanLp1</i>	tannase (tannin acylhydrolase)	F: CAACGGCGCCAATTCTG R: GCCGGTCCTGGCAAATAA
Housekeeping and others internal control genes			
<i>lp_0006</i>	<i>gyrB</i>	DNA gyrase, subunit B	F: CCCGGGTGCTGCTAAG R: TTTCCAAGCCACTCTTTTTTCG
<i>lp_0007</i>	<i>gyrA</i>	DNA gyrase, subunit A	F: CCCGACAGCAACGTCTTCA R: GGCAGCTGGCGTTTGT
<i>lp_0789</i>	<i>gapB</i>	glyceraldehyde 3-phosphate dehydrogenase	F: CTGGTGCTGCTAAGGCTCTTG R: TGTGCATGGCCTTGTAATTTACC
<i>lp_1021</i>	<i>rpoB</i>	DNA-directed RNA polymerase subunit beta	F: GGGTGTGCTTCTCGTATGAA R: CAGCCATCCCCAAATGCA
<i>lp_1962</i>	<i>rpoD</i>	RNA polymerase sigma factor RpoD	F: CGGATCCGCCAAATCG R: CGTGATGGGTGGCGTAACTT
<i>lp_1963</i>	<i>dnaG</i>	DNA primase DnaG	F: TCCGGAAGCAGTCGTCAAG R: TCGCCGGCAAGTCAATGT
<i>lp_2057</i>	<i>ldhD</i>	D-lactate dehydrogenase	F: AACCGCGACAATGTTTTGATT R: TTGTGAACGGCAGTTTCAGTGT
<i>lp_2301</i>	<i>recA</i>	recombinase A	F: CGGCGGGCAGAACAGAT R: GATCCGGACACGGTTACCAA
<i>lp_rRNA01</i>	16srRNA	16S ribosomal rRNA	F: GGGTAATCGGCCACATTGG R: CTGCTGCCTCCCGTAGGA

^a Designated gene number for the annotated *L. plantarum* WCFS1 genome^b Forward^c Reverse