

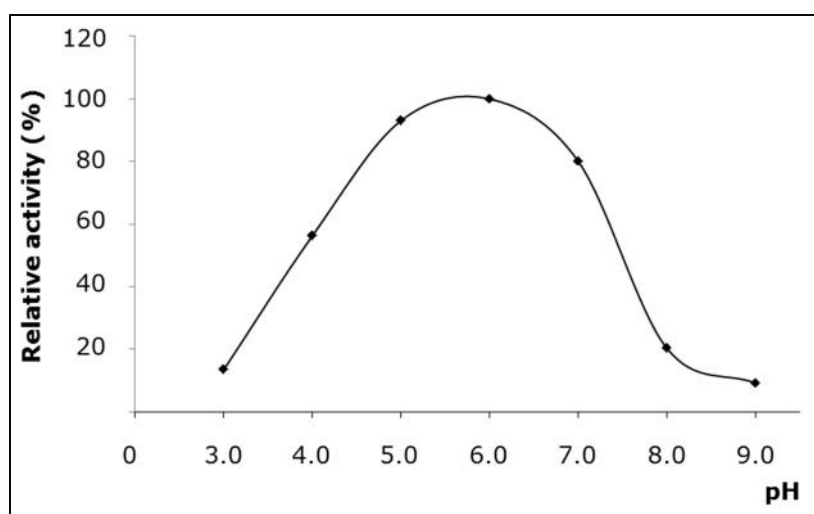
Title	Cloning, expression and characterization of a β -d-xylosidase from <i>Lactobacillus rossiae</i> DSM 15814T
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Figure S1. Effect of pH (A) and temperature (B) on the β -xylosidase activity of *Lactobacillus rossiae* DSM 15814^T. Effect of pH was determined in Na-acetate (3.0 – 6.0), phosphate (6.0 – 7.0) and Tris-HCl (7.0 – 9.0) buffers, whereas the temperature was assayed in phosphate buffer (pH 6). The U refers to the increase of the absorbance at 410 nm in one minute per mg of protein. Reaction time 10 minutes.

(A)



(B)

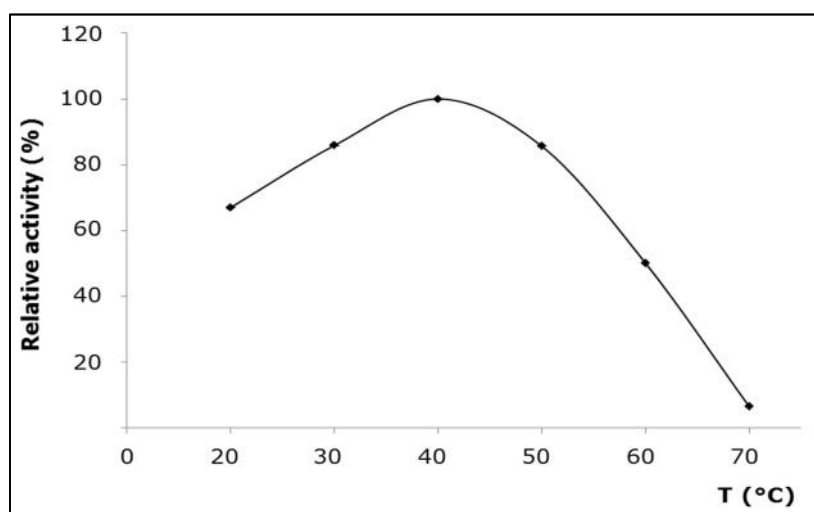


TABLE S1. Gene sequences BLAST alignment

Gene	Function	Accession number	E-value	Identity
<i>xyl</i> cluster				
LROS_1106	Hypothetical protein	121447	0.0	100%
LROS_1107	Aldose 1 epimerase	206431	0.0	100%
<i>xylA</i>	-xylosidase	141219	0.0	99%
<i>xynT</i>	Xyloside transporter	99065	0.0	99%
<i>xylT</i>	D-xylose proton symporter	19897	3e-173	100%
<i>xylI</i>	Xylose isomerase	229077	0.0	100%
<i>xylK</i>	Xylulose kinase	25965	0.0	99%
<i>xylR</i>	Transcriptional regulator	190937	0.0	99%
<i>ara</i> cluster				
<i>araA</i>	L-arabinose isomerase	167475	0.0	100%
<i>araB</i>	Ribulokinase	240627	0.0	100%
<i>araD</i>	L-ribulose-5-phosphate-4-epimerase	53991	0.0	100%
<i>araR</i>	Transcriptional repressor 2C GnT family	116651	0.0	99%
<i>araRS</i>	Transcriptional regulator ArsR family	60305	0.0	99%