

## Erratum to: Identification of a newly isolated erythritol-producing yeast and cloning of its erythrose reductase genes

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In the original publication of the article, some errors were identified. The corrected title, abstract, keywords and the legend to Fig. 6 are as following:

**Title:** Identification of a newly isolated erythritol-producing yeast and cloning of its erythrose reductase genes

**Abstract:** A new erythritol-producing yeast (strain BH010) was isolated in this study. Analysis of the D1/D2 domain of the 26S rDNA sequence, the ITS/5.8S rDNA sequence and the 18S rDNA sequence allowed the taxonomic position of strain BH010 to be discussed, and it was identified and named *Moniliella* sp. BH010. Physiological characteristics were described. Scanning electron micrography clearly indicated that the cells were cylindrical to elliptical with an average size of  $5 \times 10 \mu\text{m}$  when growing in liquid medium and that pseudohyphae and blastoconidia were observed when cultivated in agar plates. The erythrose

reductase genes were cloned, sequenced and analyzed. BLAST analysis and multiple sequence alignment demonstrated that erythrose reductase genes of *Moniliella* sp. BH010 shared very high homology with that of *Trichosporonoides megachiliensis* SNG-42 except for the presence of introns. The deduced amino acid sequences showed high homology to the aldo–keto reductase superfamily.

**Keywords:** *Moniliella* · Identification · Erythritol · Erythrose reductase gene

**Fig. 6** Phylogenetic analysis of the ERs from *Moniliella* sp. BH010. The phylogenetic tree was constructed utilizing the full-length amino acid sequences of aldo–keto reductases from various sources including the erythrose reductases reported. Aldo–keto reductases are identified by the corresponding GenBank accession numbers. The abbreviations for MsER1 and MsER3 refer to erythrose reductase 1 (GenBank accession no. JQ798182) and erythrose reductases 3 (GenBank accession no. JQ798183) from *Moniliella* sp. BH010, respectively.

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