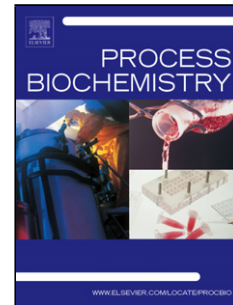


## Accepted Manuscript

Title: Efficient production of acetoin by fermentation using the newly isolated mutant strain *Lactococcus lactis* subsp. *lactis* CML B4

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PII: S1359-5113(16)30794-2  
DOI: <http://dx.doi.org/doi:10.1016/j.procbio.2017.04.007>  
Reference: PRBI 10993

To appear in: *Process Biochemistry*

Received date: 4-11-2016  
Revised date: 23-2-2017  
Accepted date: 3-4-2017

Please cite this article as: Roncal Tomás, Caballero Susana, Guereñu María del Mar Díaz de, Rincón Inés, Prieto-Fernández Soraya, Ochoa-Gómez Jose R. Efficient production of acetoin by fermentation using the newly isolated mutant strain *Lactococcus lactis* subsp. *lactis* CML B4. *Process Biochemistry* <http://dx.doi.org/10.1016/j.procbio.2017.04.007>

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**Efficient production of acetoin by fermentation using the newly  
isolated mutant strain *Lactococcus lactis* subsp. *lactis* CML B4**

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