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## LMBP BACTERIAL HOST STRAIN

MC1061Rif

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<u>Species:</u>	<i>Escherichia coli</i>
<u>Group:</u>	K12
<u>Accession number:</u>	<b>LMBP 3319</b>
<u>Deposit date:</u>	09/12/2004
<u>Depositor:</u>	Prof. E. Remaut <sup>1,2</sup> <sup>1</sup> Department for Molecular Biomedical Research, VIB, Ghent, Belgium <sup>2</sup> Department of Molecular Biology, Ghent University, Ghent, Belgium
<u>Medium:</u>	LB
<u>Selection marker:</u>	rifampicin (100 µg/ml)
<u>Cultivation temperature:</u>	37°C
<u>Original reference:</u>	/
<u>Related reference:</u>	Casadaban et al., J. Mol. Biol. 138 (1980), 179-207 [PMID: <a href="#">6997493</a> ]
<u>Genotype:</u>	$\Delta(\text{araA-leu})7697 [\text{araD139}]_{\text{B/r}} \Delta(\text{codB-lac})3 = \Delta\text{lac74 galK16 galE15 e14}^- \text{mcrA0 relA1 rpsL150 spoT1 mcrB1 hsdR2}$
<u>Phenotype:</u>	Sm <sup>R</sup> rif <sup>R</sup> r <sub>K</sub> <sup>-</sup> m <sub>K</sub> <sup>+</sup>
<u>Properties:</u>	Rifampicin resistant MC1061 mutant. Useful host for primary transformation. Transforms very well by the CaCl <sub>2</sub> method (10 <sup>7</sup> /µg). There is no Type I restriction; incoming DNA receives the <i>E. coli</i> K modification.
<u>Restricted use:</u>	BCCM MTA

### Culture recovery and preservation instructions

The enclosed culture has been grown overnight to saturation, confirming its viability. BCCM/LMBP advises to recover it immediately on receipt before use or storage.

Recovery: subculturing into liquid or solid medium according to the cultivation conditions described above.

Long-term preservation: lyophilisation of the subculture  
cryopreservation (at -80 °C at the least)