

These validated data are a snapshot at a given moment; further updates are always possible.

<u>Species:</u>	<i>Escherichia coli</i>
<u>Group:</u>	K12
<u>Strain designation:</u>	GM31
<u>Accession number:</u>	LMBP 4433
<u>Deposit date:</u>	26/09/2001
<u>Depositor:</u>	Prof. Dr E. Remaut ^{1 2} ¹ Department for Molecular Biomedical Research, VIB, Ghent, Belgium ² Department of Biomedical Molecular Biology, Ghent University, Ghent, Belgium
<u>Other culture collection numbers:</u>	CGSC 5125
<u>Containment level:</u>	This strain has been assigned the containment level 'Class 1' following the European Directive 2009/41/EC on the contained use of genetically modified organisms, and its updates (see also the Belgian risk group classification).
<u>Medium:</u>	LB-Lennox
<u>Selection marker</u>	streptomycin (50 µg/ml)
<u>Cultivation temperature:</u>	37°C
<u>Original reference:</u>	Marinus et al., Mol. Gen. Genet. 192 (1983), 288-289 [PMID: 6316110]
<u>Related reference:</u>	/
<u>Genotype:</u>	<i>F thr-1 araC14 leuB6(Am) fhuA31 lacY1 tsx-78 glnX44(AS) galK2(Oc) galT22 λ dcm-6 hisG4(Oc) rpsL136 xylA5 mtl-1 thiE1</i> (Source: CGSC 5125)
<u>Phenotype:</u>	Str ^R
<u>Properties:</u>	This is a dcm- strain (experimentally verified at BCCM/GeneCorner).
<u>Restricted use:</u>	- BCCM MTA - Acknowledge Dr Martin Marinus as originator of the strain

Culture recovery and preservation instructions

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

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

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