

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>	$\Delta$ H1 $\Delta$ trp
<u>Accession number:</u>	<b>LMBP 69</b>
<u>Deposit date:</u>	01/01/1998
<u>Depositor:</u>	Prof. Dr E. Remaut <sup>1 2</sup> <sup>1</sup> Department for Molecular Biomedical Research, VIB, Ghent, Belgium <sup>2</sup> Department of Biomedical Molecular Biology, Ghent University, Ghent, Belgium
<u>Other culture collection numbers:</u>	/
<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 <a href="#">Belgian risk group classification</a> ).
<u>Medium:</u>	LB-Lennox
<u>Selection marker:</u>	/
<u>Cultivation temperature:</u>	28°C
<u>Original reference:</u>	Bernard et al., Gene 5 (1979), 59-76 [ <a href="#">PMID: 372049</a> ]
<u>Related reference:</u>	Remaut et al., Gene 15 (1981), 81-93 [ <a href="#">PMID: 6271633</a> ]
<u>Genotype:</u>	<i>lacZam</i> $\Delta$ ( <i>bio-uvrB</i> ) $\Delta$ ( <i>trpE-A</i> )2 <i>rpsL</i> $\lambda$ ( <i>Nam7Nam53 c857</i> $\Delta$ H1)
<u>Phenotype:</u>	Str <sup>R</sup>
<u>Properties:</u>	Expression host for plasmids containing phage $\lambda$ 's PL or PR promoter. Induction is obtained by shifting the culture from 28°C to 42°C. The resident $\lambda$ is a defective lysogen. $\Delta$ H1 removes part of <i>cro</i> and all genes to the right of it. <i>c857</i> is ind <sup>r</sup> .
<u>Restricted use:</u>	<a href="#">BCCM MTA</a>

### **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)