**Bacterial host strain**  
**Escherichia coli K12 BW313**

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

**Species:** *Escherichia coli*

**Group:** K12

**Strain designation:** BW313

**Accession number:** LMBP 1325

**Deposit date:** 01/01/1998

**Depositor:** Prof. Dr E. Remaut

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2  Department of Biomedical Molecular Biology, Ghent University, Ghent, Belgium

**Other culture collection numbers:** CGSC 6796

**Containment level:** 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).

**Medium:** LB-Lennox

**Selection marker:** /

**Cultivation temperature:** 37°C


**Genotype:** Δ ung-1 relA1 dut-1 spoT1 thiE1  
(Source: CGSC 6796)

**Phenotype:** /

**Properties:** Use of this strain is required for the preparation of single-stranded phage M13 or plasmid DNA to be used in the site-directed mutagenesis method of Kunkel (Kunkel, 1985).

**Restricted use:** BCCM MTA

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**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)