
LMBP BACTERIAL HOST STRAIN

LK111

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

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| <u>Species:</u> | <i>Escherichia coli</i> |
| <u>Group:</u> | K12 |
| <u>Accession number:</u> | LMBP 4706 |
| <u>Deposit date:</u> | 09/05/2003 |
| <u>Depositor:</u> | Prof. Dr M. Zabeau ¹ who obtained it from Dr R. Deblaere ² ¹ VIB, Plant Systems Biology, Gent, Belgium ² Bayer BioScience N.V., 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 Belgian risk group classification). |
| <u>Medium:</u> | LB-Lennox |
| <u>Selection marker:</u> | / |
| <u>Cultivation temperature:</u> | 37°C |
| <u>Original reference:</u> | Zabeau et al., EMBO J. 1 (1982), 1217-1224 [PMID: 6327257] |
| <u>Related reference:</u> | / |
| <u>Genotype*:</u> | <i>F' lac-pro Δ(lacZ)M15 / thi-1 thr-1 leuB6 tonA lacI- Δ(lacZ)M15 lacY+ supE44 P1s</i> |
| <u>Phenotype:</u> | rK- mK+ |
| <u>Properties:</u> | This strain is a derivative of E. coli K12 K514, which is a rK- mK+ derivative of E. coli K12 C600. |
| <u>Restricted use:</u> | BCCM MTA |

* Source: description from depositor

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)