

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>Strain designation:</u>               | LK111  |
| <u>Accession number:</u>                 | <b>LMBP 4706</b>   |
| <u>Deposit date:</u>                     | 09/05/2003   |
| <u>Depositor:</u>                        | Prof. Dr M. Zabeau <sup>1</sup><br><sup>1</sup> Plant Systems Biology, VIB, Ghent, Belgium<br>← Dr R. Deblaere <sup>2</sup><br><sup>2</sup> 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 <a href="#">Belgian risk group classification</a> ). |
| <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 [ <a href="#">PMID: 6327257</a> ]   |
| <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><br>(Source: depositor)   |
| <u>Phenotype:</u>                        | $r_K^- m_K^+$  |
| <u>Properties:</u>                       | This strain is a derivative of E. coli K12 K514, which is a $r_K^- m_K^+$ derivative of E. coli K12 C600.  |
| <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)