

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>	FHK12
<u>Accession number:</u>	<b>LMBP 11202</b>
<u>Deposit date:</u>	16/01/2019
<u>Depositor:</u>	Dr A. Fulara <sup>1 2</sup> and Prof. Dr S. Savvides <sup>1 2</sup> <sup>1</sup> Department of Biochemistry and Microbiology, Ghent University, Ghent, Belgium <sup>2</sup> VIB-UGent Center for Inflammation Research, VIB, Ghent, Belgium ← Prof Dr D. Langosch <sup>3</sup> <sup>3</sup> Center for Integrated Protein Science Munich (CIPSM), Technical University of Munich, Germany
<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>	ampicillin (100 µg/ml)
<u>Cultivation temperature:</u>	37°C
<u>Original reference:</u>	Kolmar et al., EMBO J. 14 (1995), 3895-3904 [ <a href="#">PMID: 7664730</a> ]
<u>Related reference:</u>	Kolmar et al., Biol. Chem. Hoppe-Seyler 375 (1994), 61-69 [ <a href="#">PMID: 8003258</a> ]
<u>Genotype:</u>	<i>F'</i> <i>lacIq lacZΔM15 proA+B+ ara Δ(lac-proAB) rpsL (φ80dlacZΔM15) attB::(ctx::lacZ)</i> (source: Kolmar et al., 1995)
<u>Phenotype:</u>	Amp <sup>R</sup> Str <sup>R</sup>
<u>Properties:</u>	The ctx::lacZ fusion integrated at the attB site is tagged with the ampicillin resistance gene.
<u>Additional information:</u>	This FHK12 strain was constructed as follows: First FHK11 was constructed from strain JM83 (Yanish-Perron et al., 1985) by chromosomal integration of the lacZ gene under control of the <i>V. cholerae</i> ctxAB promoter from plasmid pLDR10-ctx::lacZ at the phage λ attB site (Diederich et al., 1992). FHK12 was subsequently constructed from FHK11 by F-duction (Miller, 1972) with BMH71-18 (source B.Müller-Hill). The streptomycin resistance has been experimentally confirmed by BCCM/GeneCorner.
<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  
Different colony sizes can be observed: small and large ones. The difference increases under stress conditions (e.g. freeze-drying).

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