Bacterial host strain  

**Escherichia coli K12 DH5αpir**

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

**Species:**  
*Escherichia coli*

**Group:**  
K12

**Strain designation:**  
DH5αpir

**Accession number:**  
LMBP 7962

**Deposit date:**  
27/11/2012

**Depositor:**  
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Dr G. Philips²  
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**Other culture collection numbers:**  
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**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-Miller

**Selection marker:**  
tetracycline (10 µg/ml)

**Cultivation temperature:**  
37°C

**Original reference:**  

**Related reference:**  

**Genotype:**  
endA1 hsdR17 glnV44 (= supE44) thi-1 recA1 gyrA96 relA1 φ80d lacΔ(lacZ)M15 Δ(lacZYA-argF)U169 zdg-232::Tn10 uidA::pir+

**Phenotype:**  
TetR  NalR

**Properties:**  
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**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. 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)