

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

<u>Species:</u>	<i>Candida albicans</i>
<u>Strain designation:</u>	Tet-On-RT2
<u>Accession number:</u>	LMBP 10529
<u>Deposit date:</u>	06/10/2017
<u>Depositor:</u>	Prof. Dr K. Ganesan ¹ ; constructed by Dr S. Bijlani ¹ . ¹ CSIR Institute of Microbial Technology, Chandigarh, India
<u>Other culture collection numbers:</u>	/
<u>Containment level:</u>	This strain has been assigned the containment level 'Class 2' 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>	YPD (1% bacto-yeast extract, 2% bacto-peptone and 2% dextrose)
<u>Selection marker:</u>	nourseothricine (200 µg/ml)
<u>Cultivation temperature:</u>	30°C
<u>Original reference:</u>	Bijlani et al., Curr. Genet. 64 (2018), 303-316 [PMID: 28597304]; DOI: 10.1007/s00294-017-0720-9]
<u>Related reference:</u>	/
<u>Genotype:</u>	HAH2-pTET-TUP1/HIS1-pTET-TUP1
<u>Phenotype:</u>	NtcR
<u>Properties:</u>	The strain contains the <i>C. albicans</i> TUP1 gene under the control of a TET promoter, and a Tet-On transactivator under the control of the <i>C. albicans</i> RPS1 promoter, integrated at the RPS1 locus. The strain is a derivative of the <i>C. albicans</i> Tet-On-R strain (LMBP 10527) which is a derivative of <i>C. albicans</i> SN95.
<u>Restricted use:</u>	- BCCM MTA - The depositor will be informed of the customer's identity upon release of a sample outside the depositor's department or outside the departments in which BCCM/GeneCorner is embedded namely UGent-DBMB and VIB-IRC.

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)