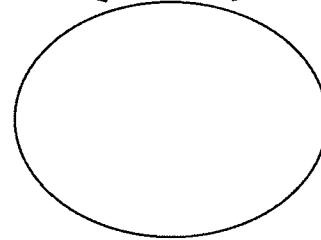


Your name here: **Michal Zimmermann**
Plasmid #: **7840**
Name: **pLPC-MYC-mTRF1 Δ BLM (aka Δ Double)**
Date constructed/received: **06/2011**
By/from: **Michal**
Resistance marker: **Amp / Puro**
Total size: **6.8 kbp**
Insert size: **1.2 kbp**

BamHI | **EcoRI**
ATG - MYC - mTRF1 aa 2-311 - 317-338 - 343-421 - STOF

Overall map:

Basic backbone: **pLPC-NMYC #2409**
Promoters: **CMV**
T7/T3/SP6 promoters for IVT? **no**
polyA sites from:
Known unique sites:



ORFs contained within:

ORF1: **mTRF1 Δ 312-316 Δ 339-342**
Genbank number: **NM_009352.2**
Derived from plasmid: **pLPC-NMYC-mTRF1 Δ 312-316 #7838**

Sequence analysis verification of cloned in ORFs? **Y**

-= SEE ATTACHED SHEET =-

Expression of ORFs? **Y**
Western: **Y**
Expression level: **good**
Ab used: **anti-MYC 9E10**
Cells: **293T, MEFs**
Expression system: **transient transfection, retroviral transduction**
Localization of ORF: **telomeres**

Cloning strategy:

-= SEE ATTACHED SHEET =-

Publication: **BLM-binding mutant from Michal's TRF1 paper**

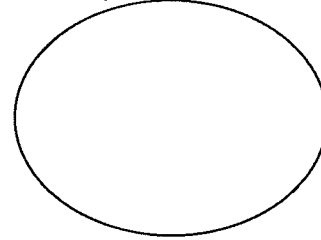
Remarks: **Both BLM binding sites removed**

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