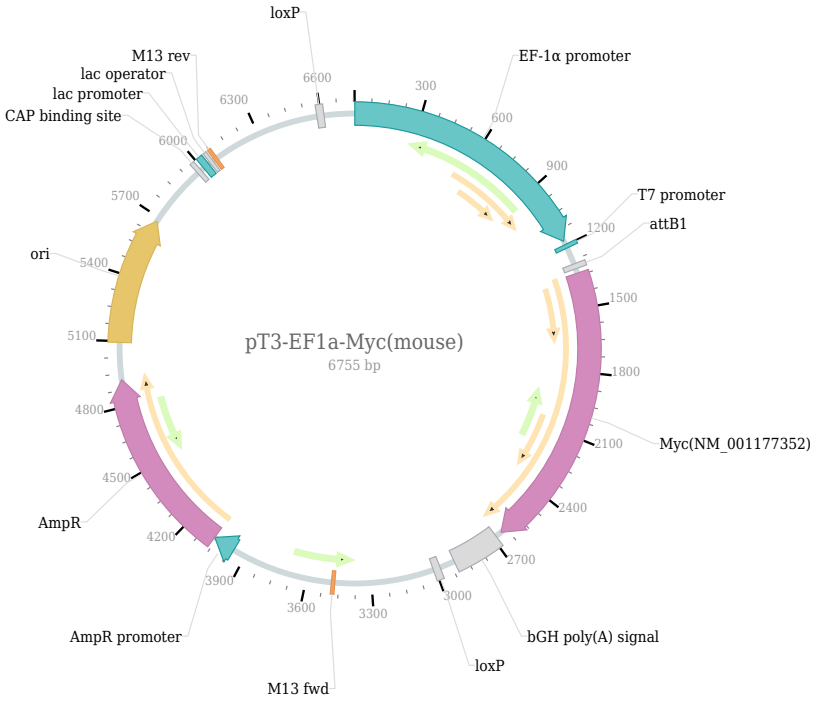
# pT3-EF1a-Myc(mouse)

| | |
|---|---|
| **Vector ID** | V028192 |
| **Accession ID** | NM_001177352.1 |
| **Antibiotic Resistance** | Ampicillin |
| **Length** | 6755 bp |
| **Vector Type** | Protein expression |
| **Host** | Mammalian cells |

## Product Information

| | |
|---|---|
| **Replication Origin** | ori |
| **Promoter** | EF1a |
| **Growth Strain(s)** | DH10B |
| **Expression Method** | Transient |
| **Comment** | It is designed for constitutive expression of the mouse Myc gene, driven by the EF-1α promoter. The vector contains a bGH poly(A) signal and utilizes the AmpR gene for antibiotic selection. It also features loxP sites for Cre-lox recombination, an attB1 site for gateway cloning, and T7 promoter for in vitro transcription. |

## Vector Map



## Plasmid Resuspension Protocol

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.