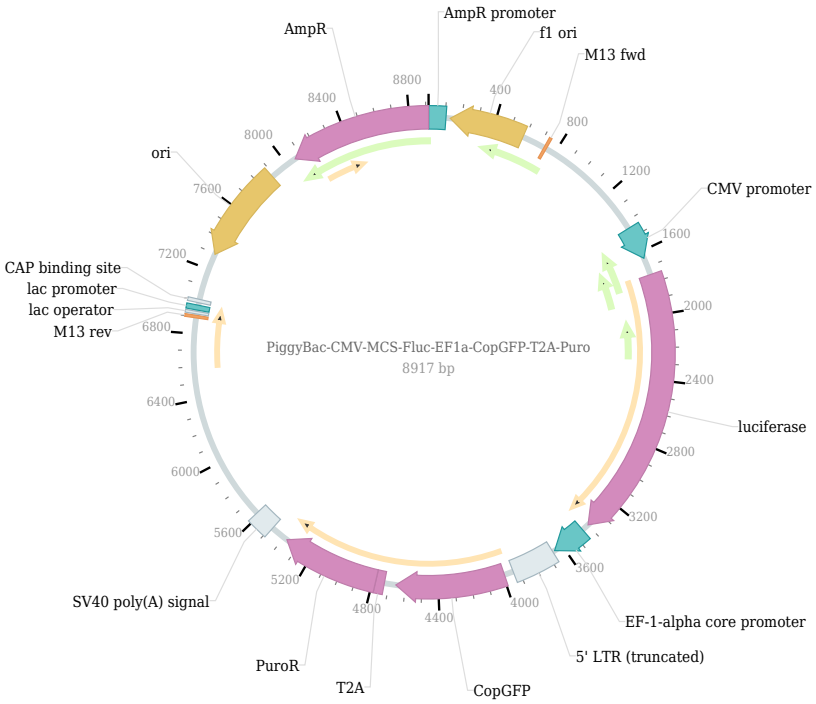
# PiggyBac-CMV-MCS-Fluc-EF1a-CopGFP-T2A-Puro

| | |
|---|---|
| **Vector ID** | V013780 |
| **Antibiotic Resistance** | Ampicillin |
| **Length** | 8917 bp |
| **Vector Type** | Protein expression, Transposition |
| **Host** | Mammalian cells |

## Product Information

| | |
|---|---|
| **Replication Origin** | ori |
| **Selection Marker** | Puro |
| **Promoter** | EF-1α core |
| **Growth Strain(s)** | Stbl3 |
| **Growth Temperature** | 37℃ |
| **Comment** | PiggyBac-CMV-MCS-Fluc-EF1a-CopGFP-T2A-Puro is a piggyBac transposon vector with CMV-driven MCS and firefly luciferase, plus EF1a-driven CopGFP-T2A-Puro for dual fluorescence and drug selection. |

## 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 ℃.