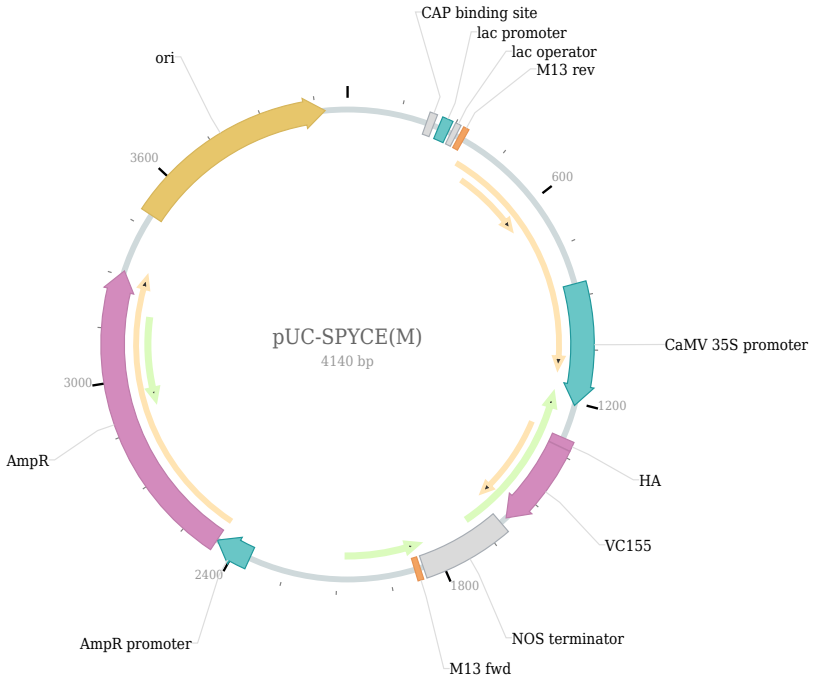
# pUC-SPYCE(M)

| | |
|---|---|
| **Vector ID** | V013402 |
| **Antibiotic Resistance** | Ampicillin |
| **Length** | 4140 bp |
| **Vector Type** | Bioluminescence resonance energy transfer (BRET) |
| **Host** | Plants |

## Product Information

| | |
|---|---|
| **Replication Origin** | ori |
| **Promoter** | CaMV35S(long) |
| **Growth Strain(s)** | DH10B |
| **Growth Temperature** | 37℃ |
| **Comment** | pUC-SPYCE(M) is a plant BiFC vector on a pUC19 backbone expressing the C-terminal YFP fragment (SPYCE, ~C-terminal 84-86 aa) with an HA tag from the CaMV 35S promoter; modified MCS version. Pairs with pUC-SPYNE for bimolecular fluorescence complementation analysis in plant protoplasts (Walter et al. 2004). |

## 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 ℃.