# pJYS1Peftu

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|---|---|
| **Vector ID** | V000646 |
| **Antibiotic Resistance** | Kanamycin |
| **Length** | 10947 bp |
| **Vector Type** | Bacterial Expression, CRISPR ; Shuttle vector Cory |

## Product Information

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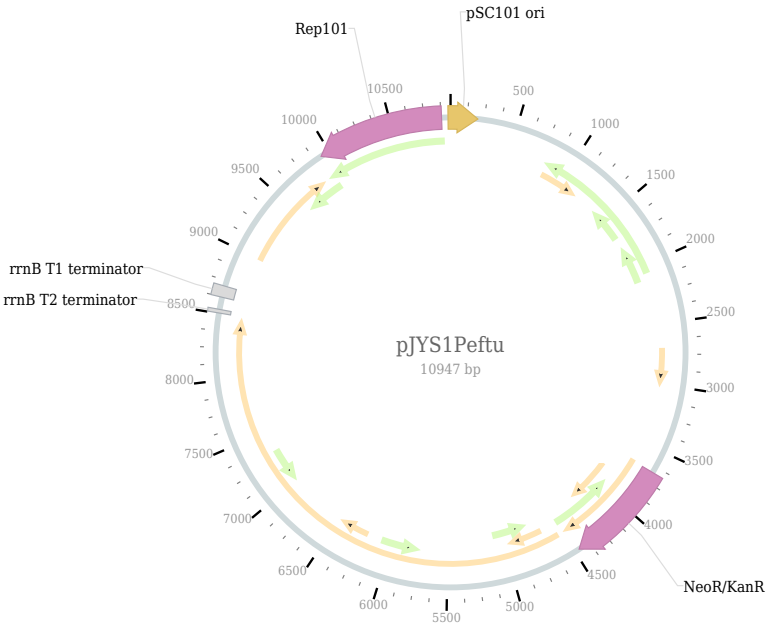
| **Replication Origin** | pSC101 ori |
| **Growth Strain(s)** | DH10B |
| **Comment** | pJYS1Peftu, a template vector for C. glutamicum lycopene biosynthesis, uses Peftu promoter to drive sgRNA/regulatory genes, regulating genes, optimizing flux, and boosting yield. |

## 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 ℃.