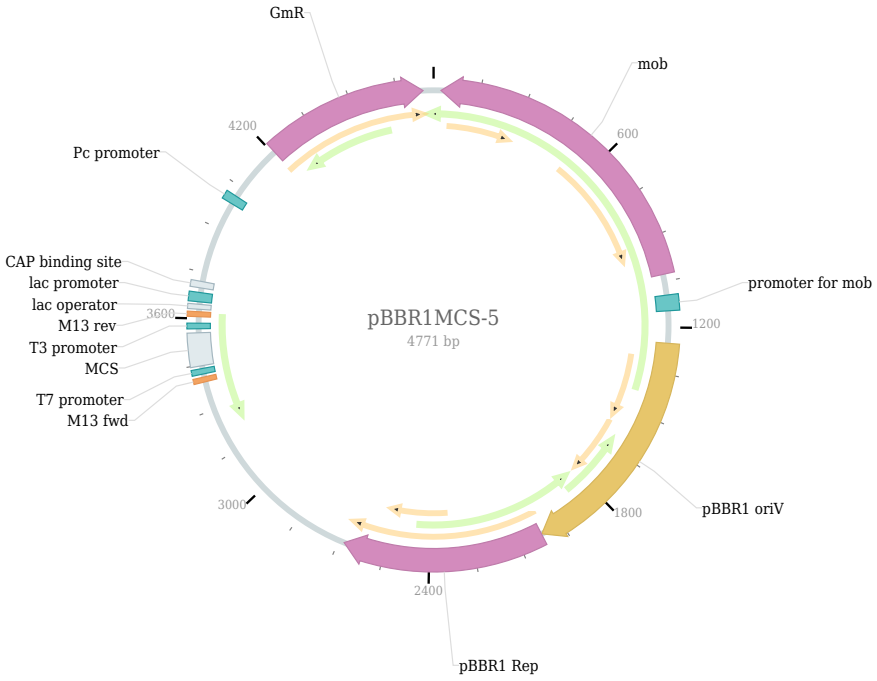
# pBBR1MCS-5

| | |
|---|---|
| **Vector ID** | V000069 |
| **Antibiotic Resistance** | Gentamicin |
| **Length** | 4771 bp |
| **Vector Type** | Broad Host Shuttle Vectors |

## Product Information

| | |
|---|---|
| **Replication Origin** | pBBR1 oriV |
| **Copy Number** | Low copy number |
| **Promoter** | Pc |
| **Growth Strain(s)** | DH10B |
| **Growth Temperature** | 37℃ |
| **Comment** | Mobilisable shuttle and expression vector, pBBR1MCS series. Vector is mobilisable via RP4/RK2 mating system, e.g. using E.coli strains S17 or SM10. Note: one base pair deletion mutation near C-terminal mob protein |

## 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 ℃.