# pTRV1

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| **Vector ID** | V018117 |
| **Antibiotic Resistance** | Kanamycin |
| **Length** | 19369 bp |
| **Vector Type** | shRNA |

## Product Information

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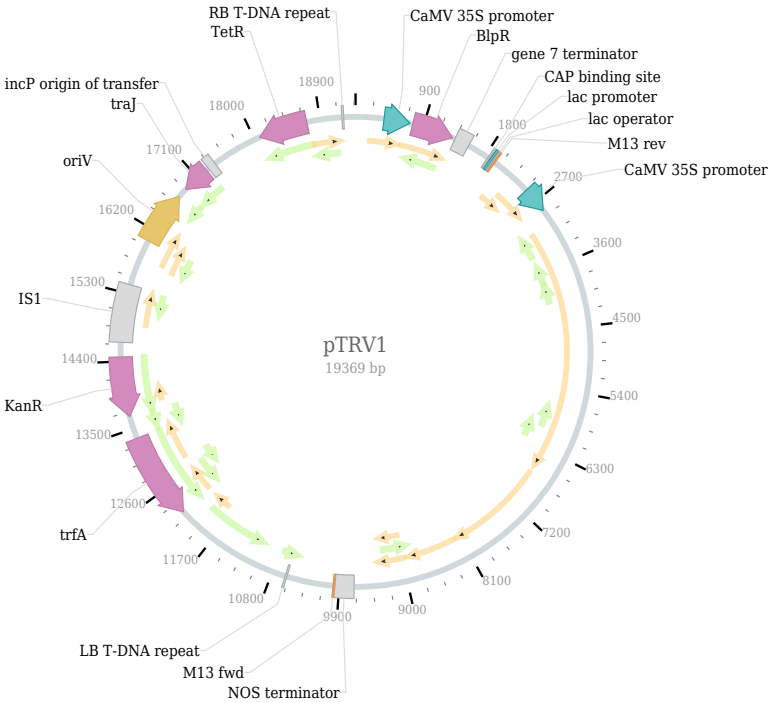
| **Copy Number** | Low copy number |
| **Promoter** | 35s |
| **Growth Strain(s)** | DH10B |
| **Growth Temperature** | 37℃ |
| **Comment** | pYL192 (TRV1) is a plant binary vector carrying Tobacco Rattle Virus RNA1 (replicase/movement proteins) for TRV-VIGS; co-infiltrate with pYL156 TRV RNA2 to silence target genes in Nicotiana and other plants. |

## 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 ℃.