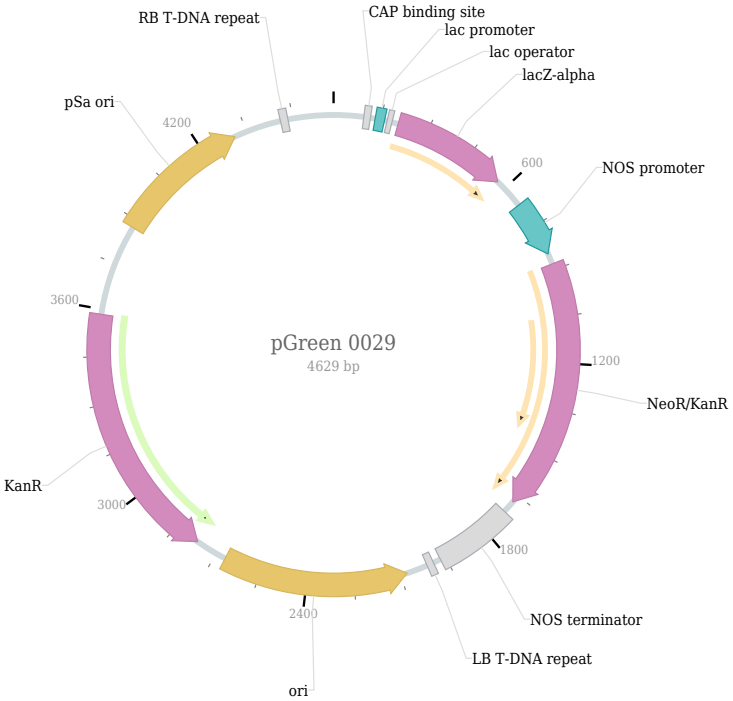
# pGreen 0029

| | |
|---|---|
| **Vector ID** | V010850 |
| **Antibiotic Resistance** | Kanamycin |
| **Length** | 4629 bp |
| **Vector Type** | Plant Vectors |
| **Host** | Plants |

## Product Information

| | |
|---|---|
| **Replication Origin** | pSa ori |
| **Source/Author** | Hellens RP, Edwards EA, Leyland NR, Bean S, Mullineaux PM. |
| **Selection Marker** | Neomycin/G418(Geneticin) |
| **Copy Number** | High copy number |
| **Promoter** | NOS |
| **5' Primer** | M13 fwd |
| **3' Primer** | M13 rev |
| **Growth Temperature** | 37℃ |
| **Comment** | The pGreen0029 is a compact Agrobacterium binary vector with kanamycin-resistance genes for bacterial and plant transformation. |

## 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 ℃.