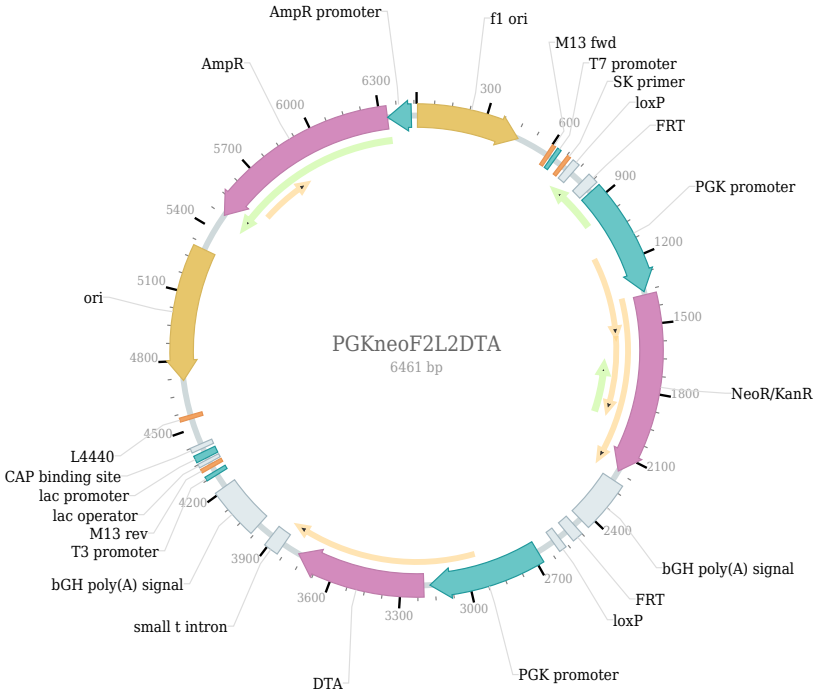
# PGKneoF2L2DTA

| | |
|---|---|
| **Vector ID** | V007504 |
| **Antibiotic Resistance** | Ampicillin |
| **Length** | 6461 bp |
| **Vector Type** | Mammalian Expression, Cre/Lox |

## Product Information

| | |
|---|---|
| **Replication Origin** | ori |
| **Selection Marker** | Neomycin (select with G418) |
| **Copy Number** | High Copy |
| **Promoter** | mPGK |
| **Cloning Method** | Restriction Enzyme |
| **5' Primer** | na |
| **Growth Strain(s)** | DH10B |
| **Comment** | PGKneoF2L2DTA serves as a gene editing screening vector, incorporating neo positive screening and DTA negative screening elements to facilitate gene knockout validation in cell lines. |

## 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 ℃.