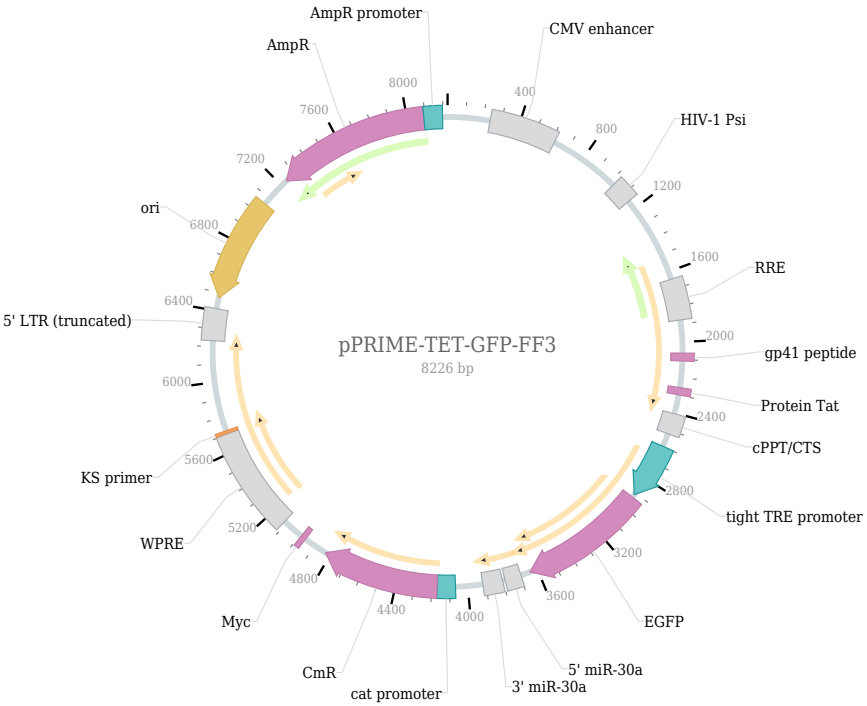
pPRIME-TET-GFP-FF3

Vector ID	V006982
Antibiotic Resistance	Ampicillin
Length	8226 bp
Vector Type	Lentiviral vectors

Product Information

Replication Origin	ori
Copy Number	Low copy number
Promoter	tight TRE
Cloning Method	Enzyme digestion and ligation
5' Primer	EGFP-C Forward: CATGGTCCTGCTGGAGTTCGTG
Fusion Tag	GFP
Comment	TET promoter (minimal CMV promoter containing seven upstream Tet-operator sites) transcribes GFP and miR30-based shRNA targeting FF3. The FF3 hairpin can be replaced with any other hairpin by cloning into the EcoR1/Xho1 site.Please note that the full plasmid sequence shown here is for the empty vector only and does not contain the FF3 targeting sequence (AGCTCCCGTGAATTGGAATCCTAGTGAAGCCACAGATGTAGGATTCCAATTCAGCGGGAGCC)

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 ℃.