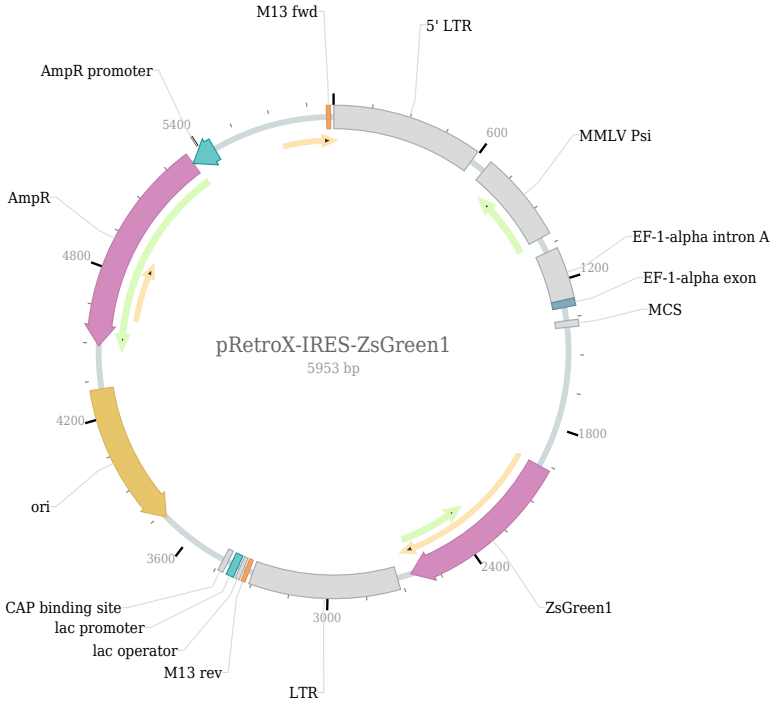
pRetroX-IRES-ZsGreen1

Vector ID	V010386
Antibiotic Resistance	Ampicillin
Length	5953 bp
Vector Type	Viral Expression & Packaging Vectors

Product Information

Replication Origin	ori
Source/Author	Clontech
Copy Number	High copy number
Promoter	CMV
Comment	pRetroX-IRES-ZsGreen1 is a bicistronic, fl uorescent, retroviral vector that allows both a gene of interest and the ZsGreen1 gene to be translated from a single bicistronic mRNA. pRetroXIRES-ZsGreen1 is designed for effi cient delivery and selection (by fl ow cytometry or other methods) of stably transduced mammalian cells expressing the ZsGreen1 fl uorescent protein and the protein of interest. This vector can be used to obtain stable cell lines without timeconsuming drug and clonal selection. ZsGreen1 is derived from the reef coral Zoanthus sp. green fl uorescent protein (ZsGreen) and is easily detected with standard FITC fi lter sets.

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 ℃.