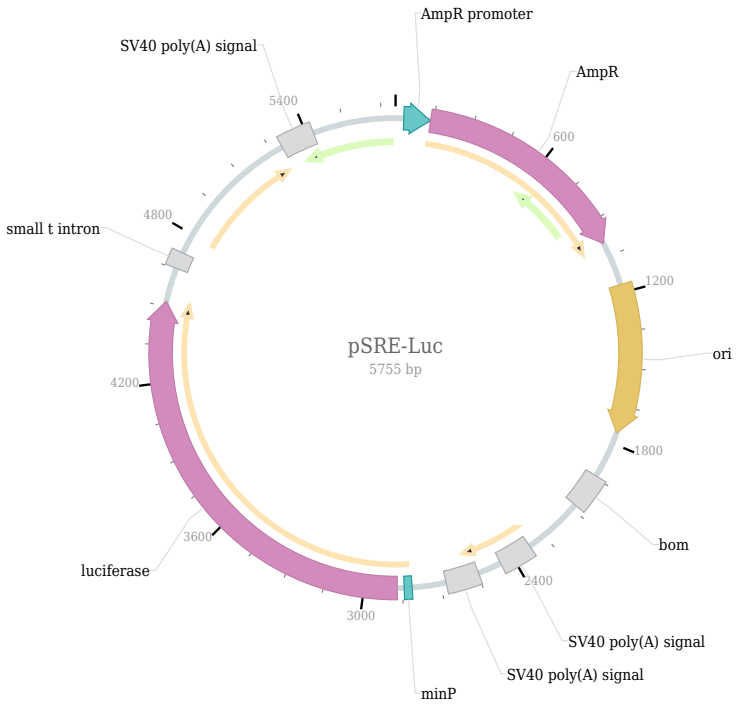
pSRE-Luc

Vector ID	V003048
Antibiotic Resistance	Ampicillin
Length	5755 bp
Vector Type	Reporter vector

Product Information

Replication Origin	ori
Source/Author	Zheng C-F.
Promoter	minP
Growth Strain(s)	DH10B
Comment	pSRE-Luc is a luciferase reporter plasmid containing multiple SREs, designed to detect the activation of SREs by the HTLV-1 Tax protein. This reveals the mechanism whereby Tax activates gene transcription through TCF binding and CBP/PCAF interaction.

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 ℃.