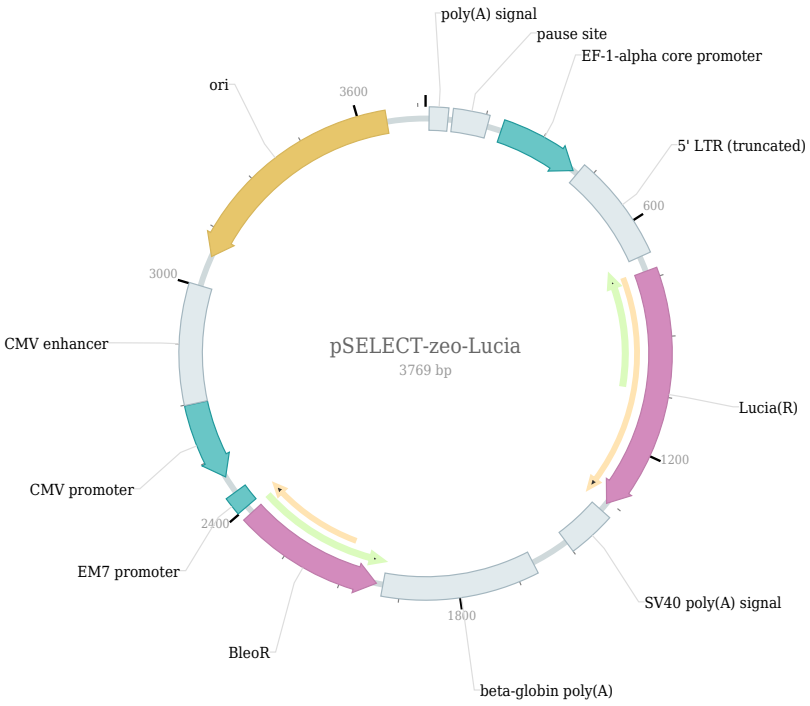
pSELECT-zeo-Lucia

Vector ID	V011443
Antibiotic Resistance	Zeocin
Length	3769 bp
Vector Type	Luciferase Vectors

Product Information

Replication Origin	ori
Source/Author	InvivoGen
Copy Number	High copy number
Promoter	EF-1α core
Growth Strain(s)	Top10
Comment	pSELECT-zeo-Lucia is a mammalian reporter plasmid carrying a secreted Gaussia-derived luciferase (coelenterazine-utilizing) with a promoter-cloning region upstream and Zeocin selection. Luciferase secreted into the supernatant provides convenient promoter/enhancer activity quantification without cell lysis.

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 ℃.