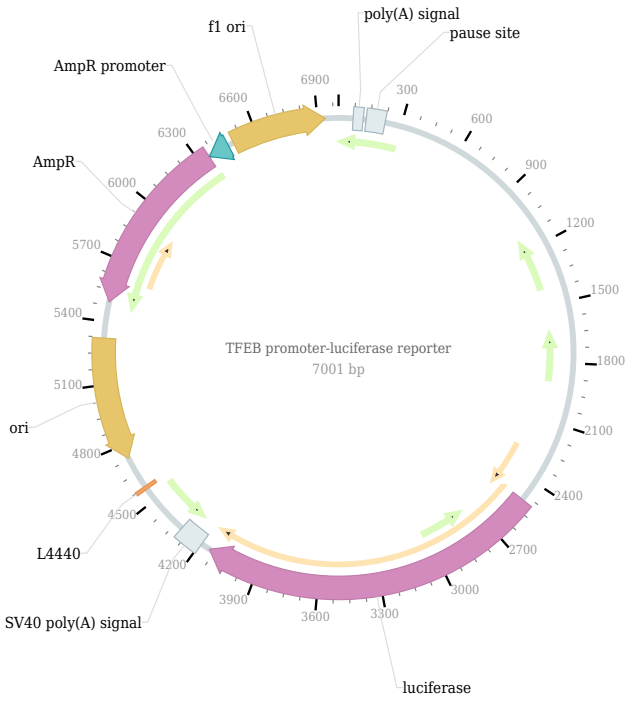
TFEB promoter-luciferase reporter

Vector ID	V000908
Antibiotic Resistance	Ampicillin
Length	7001 bp
Vector Type	Luciferase

Product Information

Replication Origin	ori
Copy Number	Low Copy
Cloning Method	Restriction Enzyme
5' Primer	RVprimer3 (CTAGCAAAATAGGCTGTCCC)
3' Primer	EBV rev
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	PGC-1α promoted htt turnover and the elimination of protein aggregates by activating transcription factor EB (TFEB), a master regulator of the autophagy-lysosome pathway.Placing PGC-1α upstream of TFEB. PGC-1α and TFEB thus hold great promise as therapies for HD and other neurodegenerative proteinopathies

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 ℃.