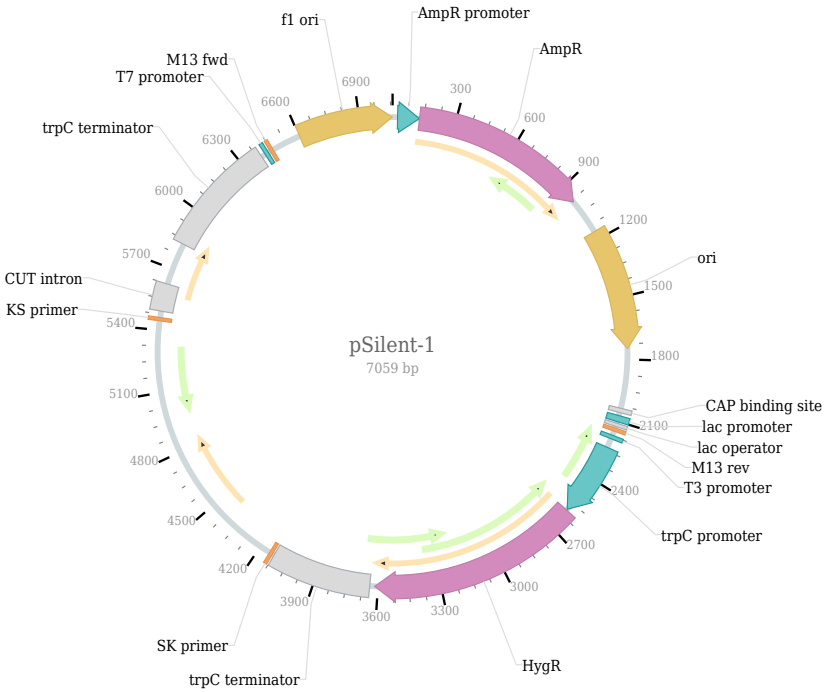
pSilent-1

Vector ID	V003187
Antibiotic Resistance	Ampicillin
Length	7059 bp
Vector Type	Ascomycete silencing vector

Product Information

Replication Origin	ori
Source/Author	Nakayashiki H, Hanada S, Nguyen BQ, Kadotani N, Tosa Y, Mayama S.
Promoter	trpC
Growth Strain(s)	stbl3
Growth Temperature	37℃
Comment	pSilent-1 is designed for RNA interference (RNAi) studies. It contains a hygromycin resistance marker and inverted repeat sequences to express hairpin RNAs, enabling stable gene knockdown study.

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 ℃.