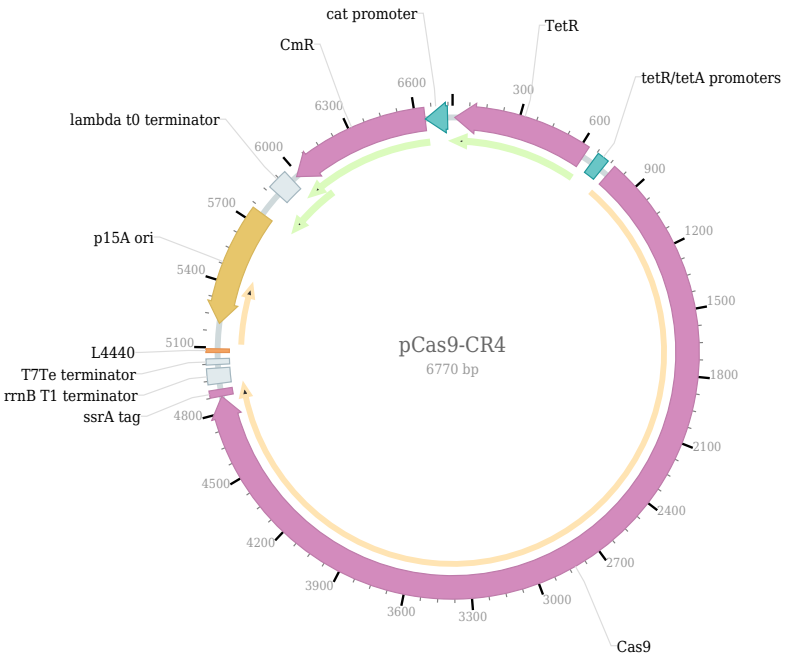
pCas9-CR4

Vector ID	V001321
Antibiotic Resistance	Chloramphenicol
Length	6770 bp
Vector Type	Bacterial Expression

Product Information

Replication Origin	p15A ori
Copy Number	Low Copy
Comment	The expression of the Cas9 protein (containing an ssrA degradation tag) is tightly regulated by the pTet promoter to minimize cytotoxicity, thereby enabling efficient and precise scarless gene modification.

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 ℃.