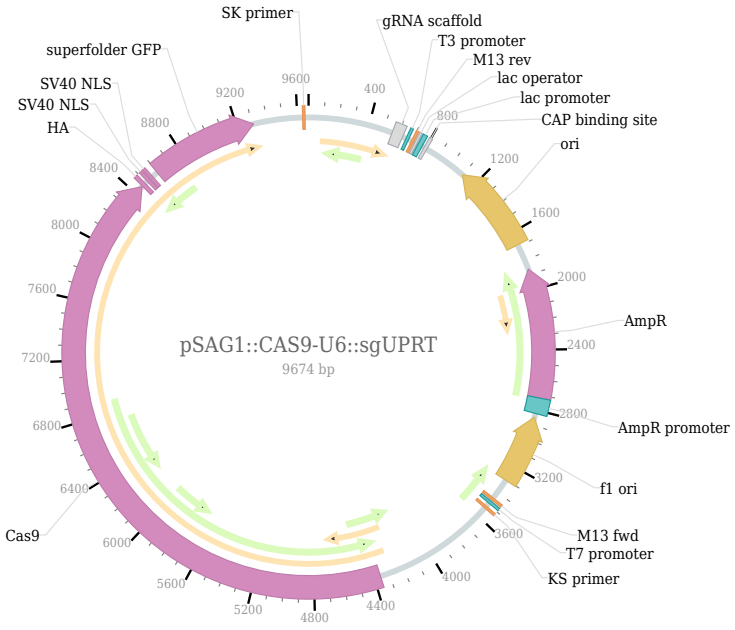
pSAG1::CAS9-U6::sgUPRT

Vector ID	V001295
Antibiotic Resistance	Ampicillin
Length	9674 bp
Vector Type	CRISPR/Cas system, Toxoplasma gondii expression ve

Product Information

Replication Origin	ori
Promoter	SAG1
Comment	Encodes CAS9 nuclease (GFP fusion) under control of the Toxoplasma gondii SAG1 promotor. Vector also provides U6 controlled expression of a single guide RNA for disruption of genes by CRISPR.

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 ℃.