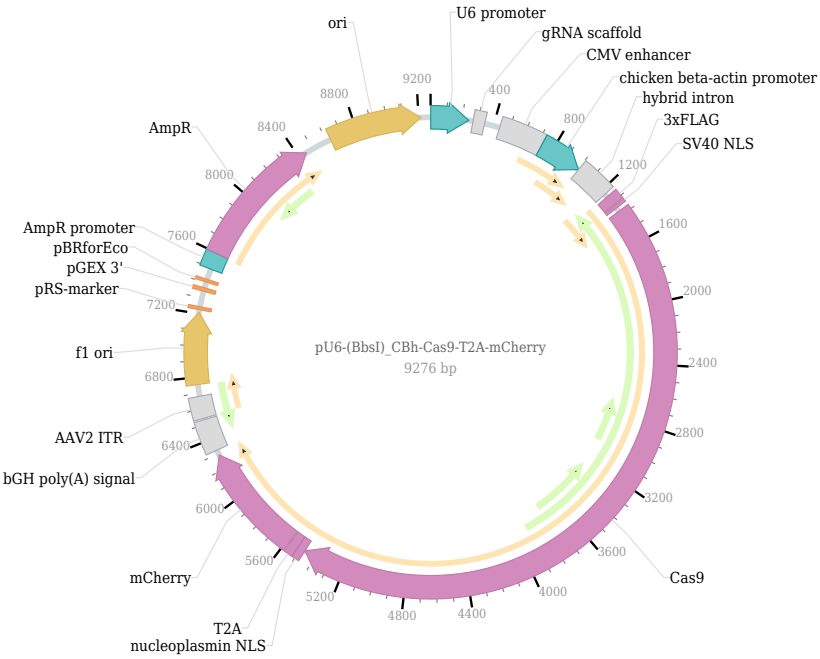
pU6-(BbsI)_CBh-Cas9-T2A-mCherry

Vector ID	V012399
Antibiotic Resistance	Ampicillin
Length	9276 bp
Vector Type	Mammalian Expression, CRISPR

Product Information

Replication Origin	ori
Copy Number	High Copy
Promoter	CBh
Cloning Method	Restriction Enzyme
5' Primer	hU6-F (5'-GAGGGCCTATTTCCCATGATT-3')
Growth Strain(s)	Stbl3
Comment	pU6-(BbsI)_CBh-Cas9-T2A-mCherry is an expression vector for sgRNAs cloned into the BbsI sites and for expression of Cas9 linked to mCherry via a T2A peptide.

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 ℃.