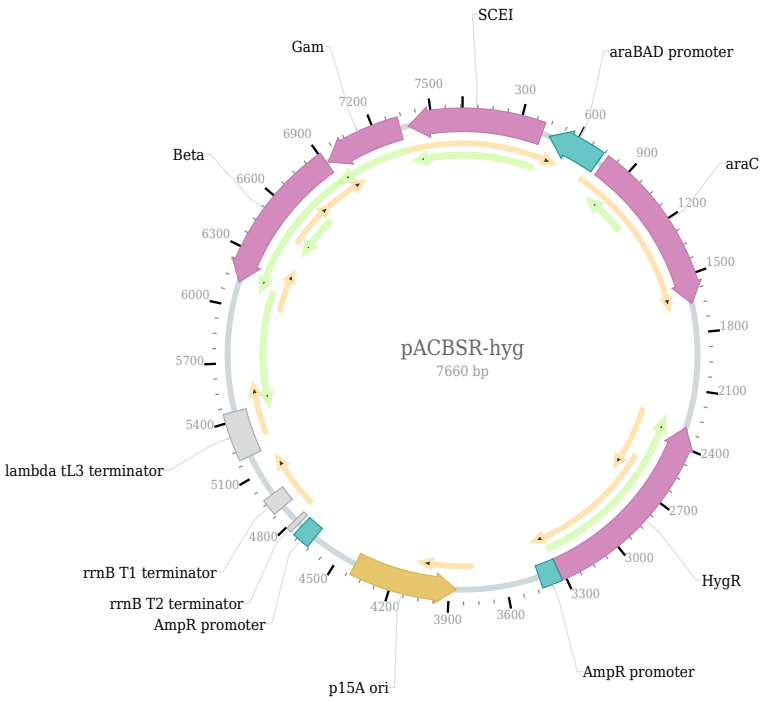
pACBSR-hyg

Vector ID	V007142
Antibiotic Resistance	Hygromycin
Length	7660 bp
Vector Type	Bacterial Expression

Product Information

Replication Origin	p15A ori
Promoter	araBAD
Cloning Method	Restriction Enzyme
5' Primer	AGATCTCGGGGAAATGTGCGCGGAAC
3' Primer	CTCGAGGTATATATGAGTAAACTTGGTCTG
Growth Strain(s)	DH5alpha
Growth Temperature	30℃
Comment	pACBSR-hyg is a mammalian modular vector for Cre/loxP recombination-based genome engineering, part of the pACBSR toolkit. It contains a hygromycin resistance gene (hygR) and loxP sites to facilitate the generation of genetically modified mouse models.

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 ℃.