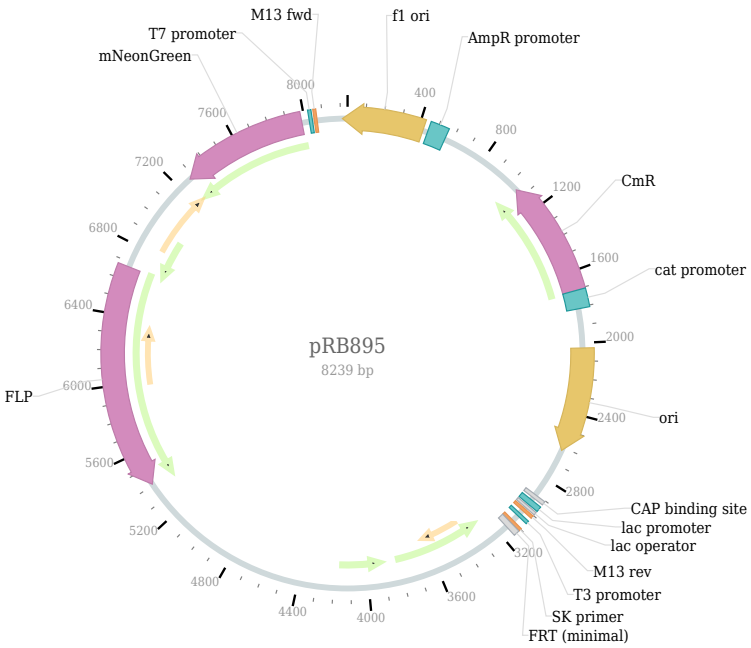
pRB895

Vector ID	V017158
Antibiotic Resistance	Chloramphenicol
Length	8239 bp
Vector Type	Protein expression
Host	Candida albicans

Product Information

Replication Origin	ori
Selection Marker	Nou
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pRB895 is a pSFS2A-derived integrating plasmid carrying Candida codon-optimized mNeonGreen. It bears the SAT1 flipper cassette conferring nourseothricin resistance for transformant screening. Researchers amplify mNeonGreen cassettes from it to build reporters tracking white-opaque switching. Its mNeonGreen outperforms standard GFP in brightness and anti-photobleaching for Candida imaging.

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 ℃.