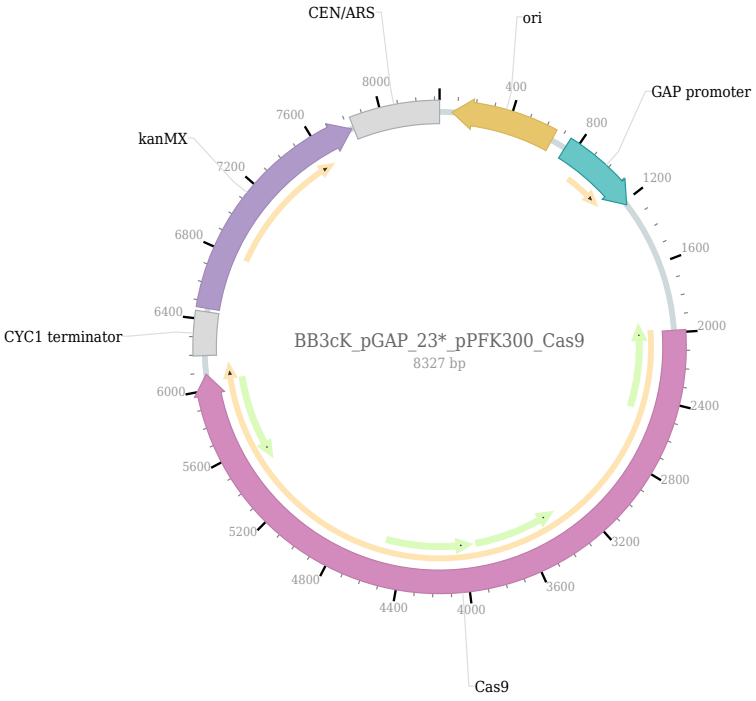
BB3cK_pGAP_23*_pPFK300_Cas9

载体编号 Vector ID	V016983
抗性 Antibiotic Resistance	Kanamycin
长度 Length	8327 bp
载体类型 Vector Type	Gene knockout
宿主 Host	Yeast

产品信息

复制子 Replication Origin	ori
启动子 Promoter	GAP
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	BB3cK_pGAP_23*_pPFK300_Cas9 is an episomal Pichia pastoris CRISPR-Cas9 vector: pPFK300 drives NLS-hCas9, while BbsI cloning accepts HH-sgRNA-HDV cassettes for guide RNA expression, enabling genome editing with G418 (kanMX) selection.

质粒图谱



复溶方法

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 ℃.