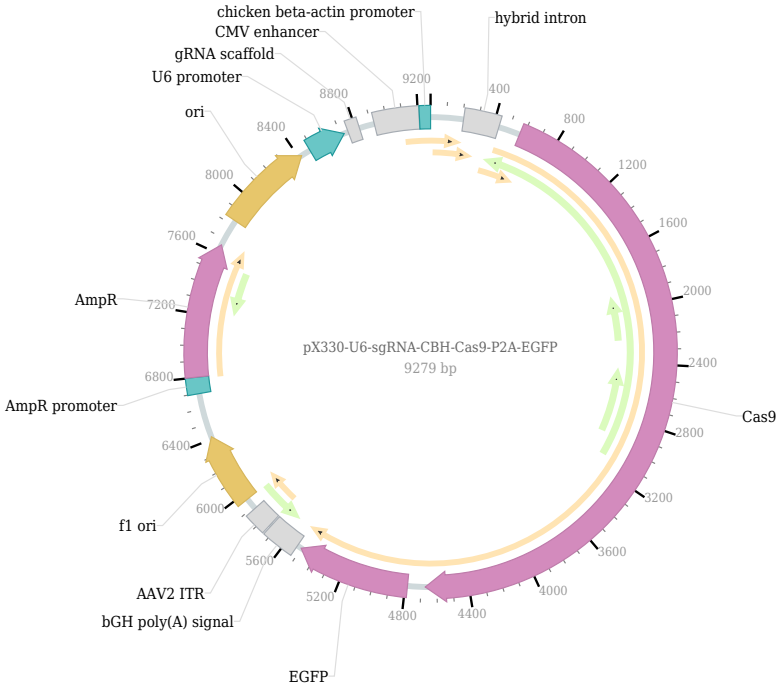
pX330-U6-sgRNA-CBH-Cas9-P2A-EGFP

载体编号 Vector ID	V013990
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9279 bp
载体类型 Vector Type	Gene knockout
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
启动子 Promoter	U6
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pX330-U6-sgRNA-CBH-Cas9-P2A-EGFP is an all-in-one CRISPR/Cas9 vector derived from pX330 (pSpCas9(BB)): U6 promoter for sgRNA, CBh promoter for SpCas9, and P2A-linked EGFP for fluorescence enrichment of edited cells. Enables efficient mammalian genome editing with FACS-based selection (Cong et al. 2013; Ran et al. 2013).

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 ℃.