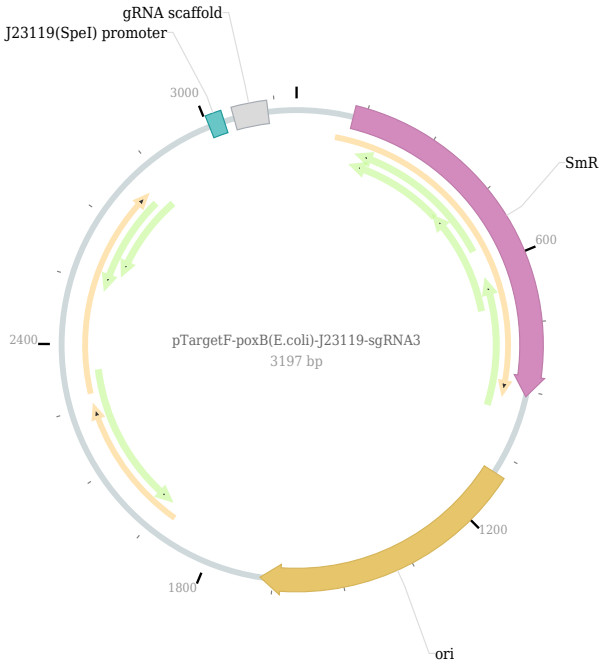
pTargetF-poxB(E.coli)-J23119-sgRNA3

载体编号 Vector ID	V014093
抗性 Antibiotic Resistance	Streptomycin
长度 Length	3197 bp
载体类型 Vector Type	Gene knockout
宿主 Host	E. coli

产品信息

复制子 Replication Origin	ori
启动子 Promoter	J23119(SpeI)
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	30℃
备注 Comment	pTargetF-poxB(E.coli)-J23119-sgRNA3 is an E. coli CRISPR/Cas9 editing vector of the pCas/pTargetF system expressing sgRNA3 against the pyruvate oxidase (poxB) gene from the constitutive J23119 promoter. Paired with the pCas plasmid, it enables markerless poxB editing for metabolic engineering (Jiang et al. 2015).

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 ℃.