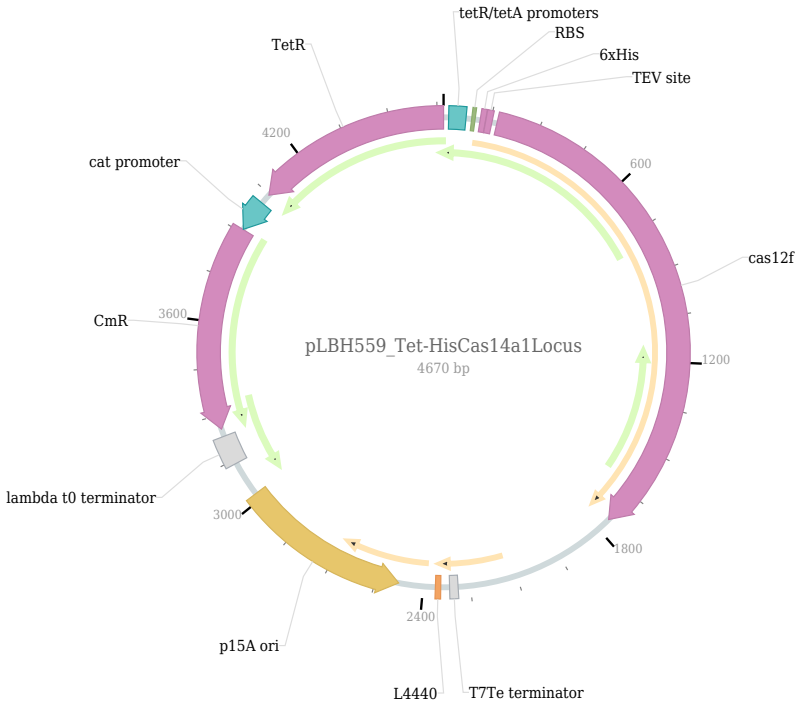
pLBH559_Tet-HisCas14a1Locus

载体编号 Vector ID	V007150
抗性 Antibiotic Resistance	Chloramphenicol
长度 Length	4670 bp
载体类型 Vector Type	Bacterial Expression, CRISPR

产品信息

复制子 Replication Origin	p15A ori
拷贝数 Copy Number	Low Copy
启动子 Promoter	Tet
克隆方法 Cloning Method	Gibson Cloning
5' 引物 5' Primer	gtgccgatcaacgtAtcattttcg
3' 引物 3' Primer	acgcagaaaggcccacccgaag
培养菌株 Growth Strain(s)	JM109
备注 Comment	pLBH559_Tet-HisCas14a1Locus provides the Cas14a1 gene for experimental use, facilitating its cloning into pET28a, induction of expression, and purification of the Cas14a1 protein for nucleic acid diagnosis of spinal muscular atrophy.

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 ℃.