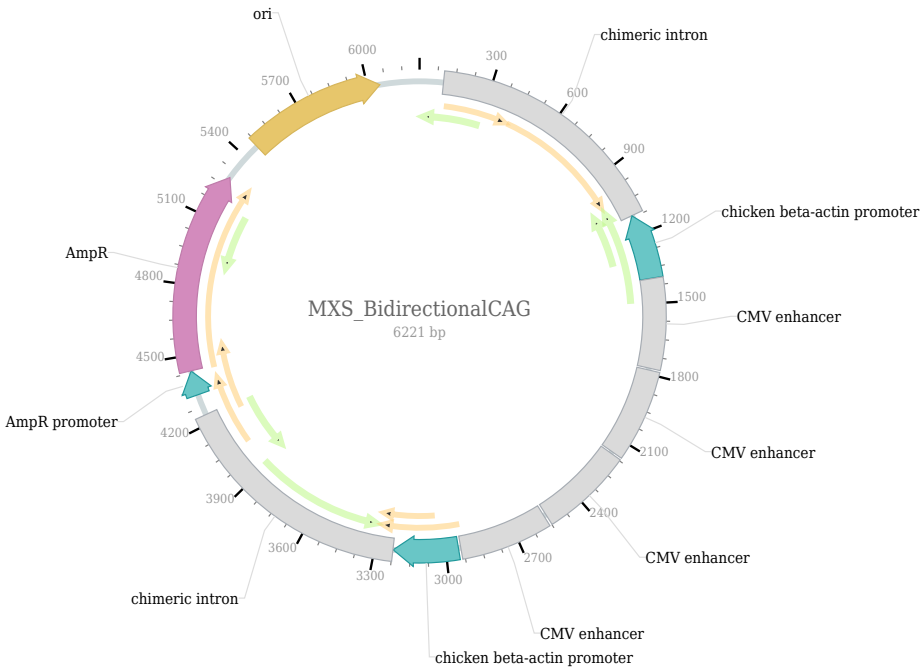
# MXS_BidirectionalCAG

| | |
|---|---|
| **载体编号 Vector ID** | V000726 |
| **抗性 Antibiotic Resistance** | Ampicillin |
| **长度 Length** | 6221 bp |
| **载体类型 Vector Type** | Mammalian Expression, Synthetic Biology |

## 产品信息

| | |
|---|---|
| **复制子 Replication Origin** | ori |
| **拷贝数 Copy Number** | High Copy |
| **启动子 Promoter** | CAG |
| **克隆方法 Cloning Method** | Restriction Enzyme |
| **5' 引物 5' Primer** | TTACCGCCTTTGAGTGAG |
| **3' 引物 3' Primer** | TTGTCTCATGAGCGGATAC |
| **培养菌株 Growth Strain(s)** | DH10B |
| **备注 Comment** | MXS_BidirectionalCAG is a mammalian expression/synthetic biology plasmid built on a modified MXS_chaining vector backbone. It carries a bidirectional CAG promoter compatible with the MXS Chaining Kit, enabling convergent cloning and coordinated dual-gene expression in mammalian cells. |

## 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 ℃.