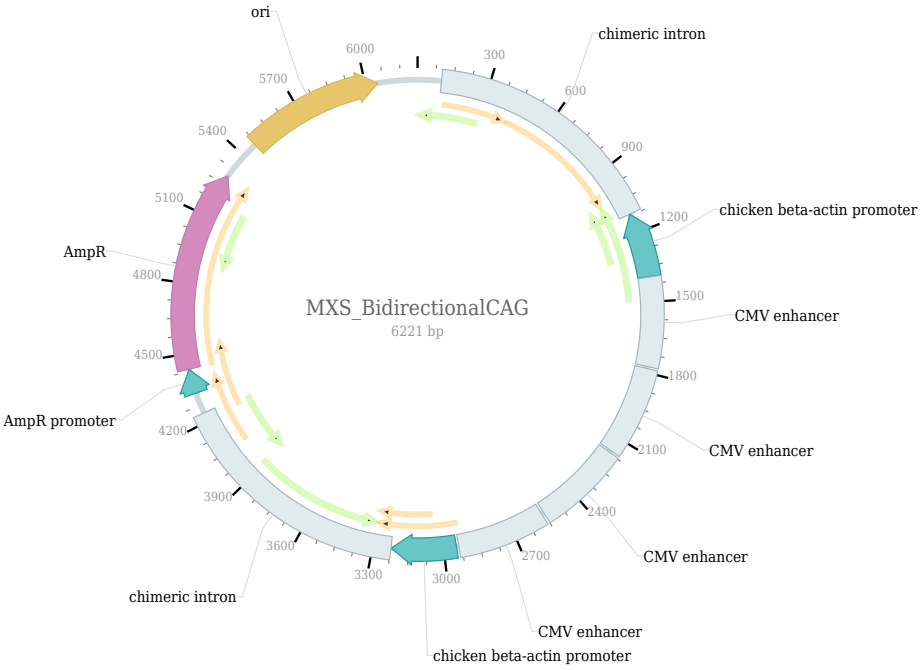
MXS_BidirectionalCAG

Vector ID	V000726
Antibiotic Resistance	Ampicillin
Length	6221 bp
Vector Type	Mammalian Expression, Synthetic Biology

Product Information

Replication Origin	ori
Copy Number	High Copy
Promoter	CAG
Cloning Method	Restriction Enzyme
5' Primer	TTACCGCCTTTGAGTGAG
3' Primer	TTGTCTCATGAGCGGATAC
Growth Strain(s)	DH10B
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.

Vector Map



Plasmid Resuspension Protocol

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 ℃.