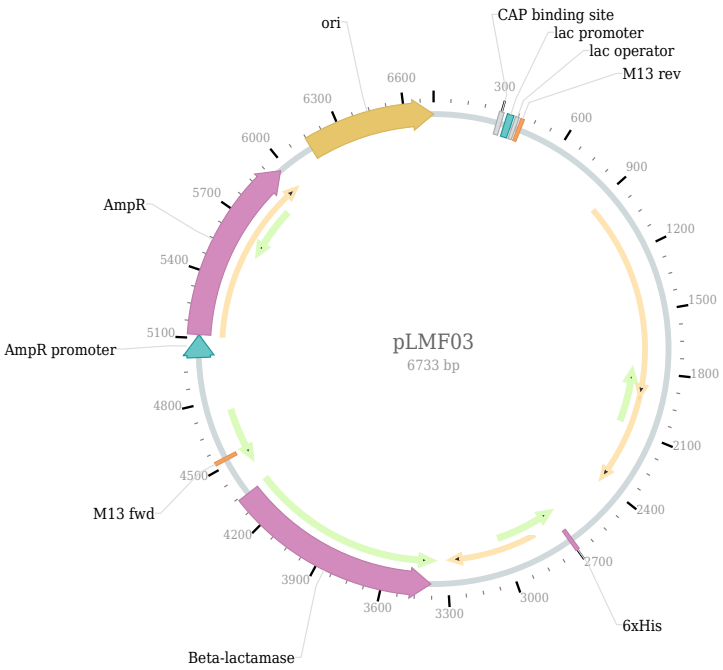
pLMF03

Vector ID	V004971
Antibiotic Resistance	Ampicillin
Length	6733 bp
Vector Type	Cloning vector

Product Information

Replication Origin	ori
Source/Author	Liu M, Wang M.
Growth Strain(s)	DH10B
Comment	pLMF03 is an E. coli–Riemerella anatipestifer shuttle expression vector constructed by Liu et al. (2016). Built from pMM47.A with the pRA0726 replication region, it carries ampicillin and cefoxitin resistance markers and the strong B739_0921 promoter (pLMF04/05 bear medium/weak promoters), enabling graded gene over-expression and complementation studies in this duck pathogen.

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 ℃.