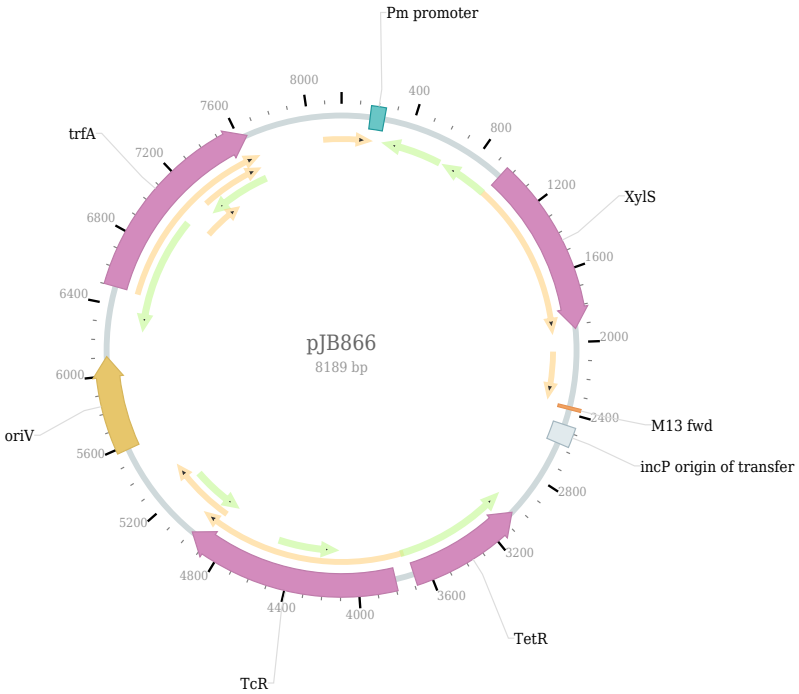
pJB866

Vector ID	V013302
Antibiotic Resistance	Tetracycline
Length	8189 bp
Vector Type	Protein expression
Host	Broad host

Product Information

Replication Origin	oriV
Promoter	Pm
Growth Strain(s)	DH10B
Growth Temperature	30℃
Comment	pJB866 is a broad-host-range expression vector derived from pJB655, containing the Pm promoter, xylS regulatory gene, and a tetracycline resistance marker, with a polylinker from pJB864 inserted. It is useful for regulated gene expression in various Gram-negative bacteria, featuring flexibility in copy number modulation via trfA mutations.

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 ℃.