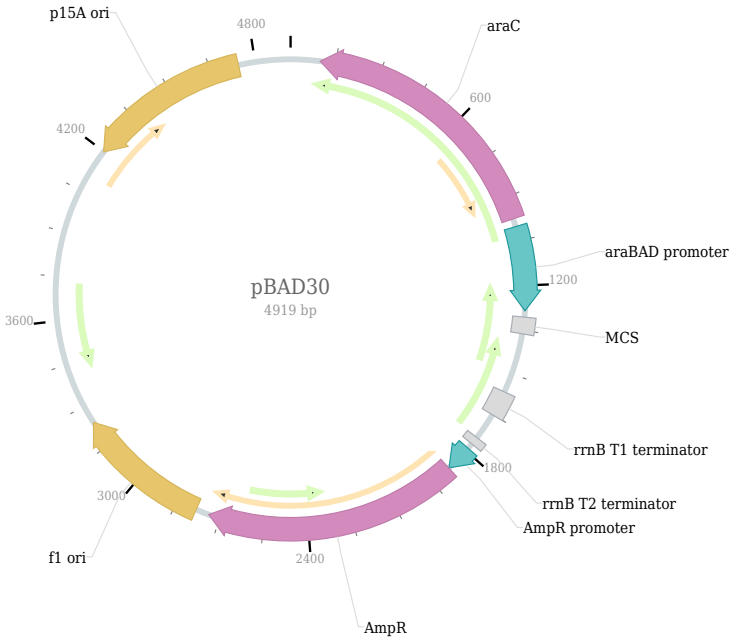
pBAD30

Vector ID	V012919
Accession ID	pBAD-30
Antibiotic Resistance	Ampicillin
Length	4919 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	p15A ori
Promoter	araBAD
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The arabinose-inducible pBAD30 vector drives CP1-YiaT fusion expression, displaying CP1 on E. coli surface to endow cobalt adsorption for methylene blue's photocatalytic reduction.

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 ℃.