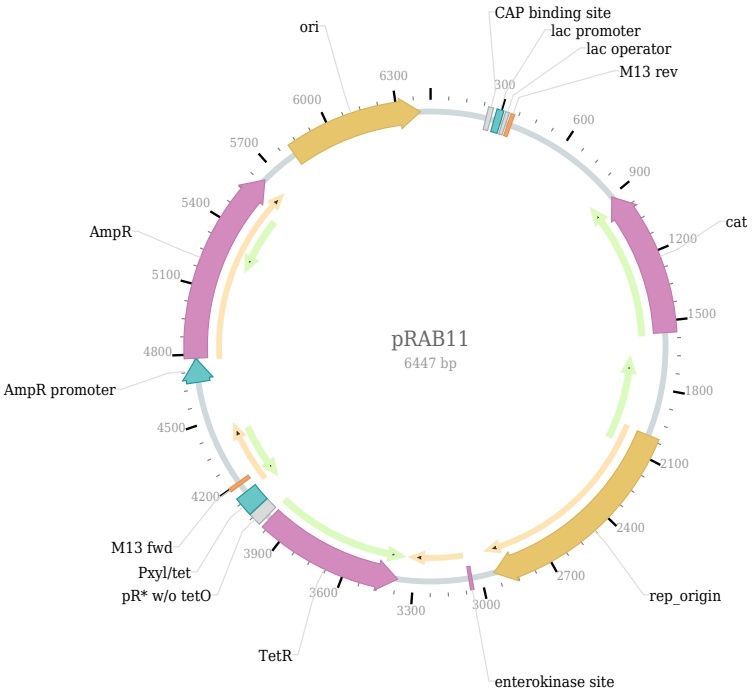
pRAB11

Vector ID	V003835
Antibiotic Resistance	Ampicillin
Length	6447 bp
Vector Type	Cloning vector

Product Information

Replication Origin	ori
Source/Author	Helle L, Kull M, Mayer S, Marincola G, Zelder ME, Goerke C, Wolz C, Bertram R.
Promoter	pUC
Growth Strain(s)	DH10b
Growth Temperature	37℃
Comment	Plasmid pRAB11 was generated from pRMC2 by adding a second tet operator within the TetR-regulated promoter Pxyl/tet. Pronounced repression was observed in the absence of anhydrotetracycline (ATc) combined with high induction in the presence of the drug, as demonstrated for pRAB11 bearing staphylococcal nuclease nuc1, lacZ or gfp.

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 ℃.