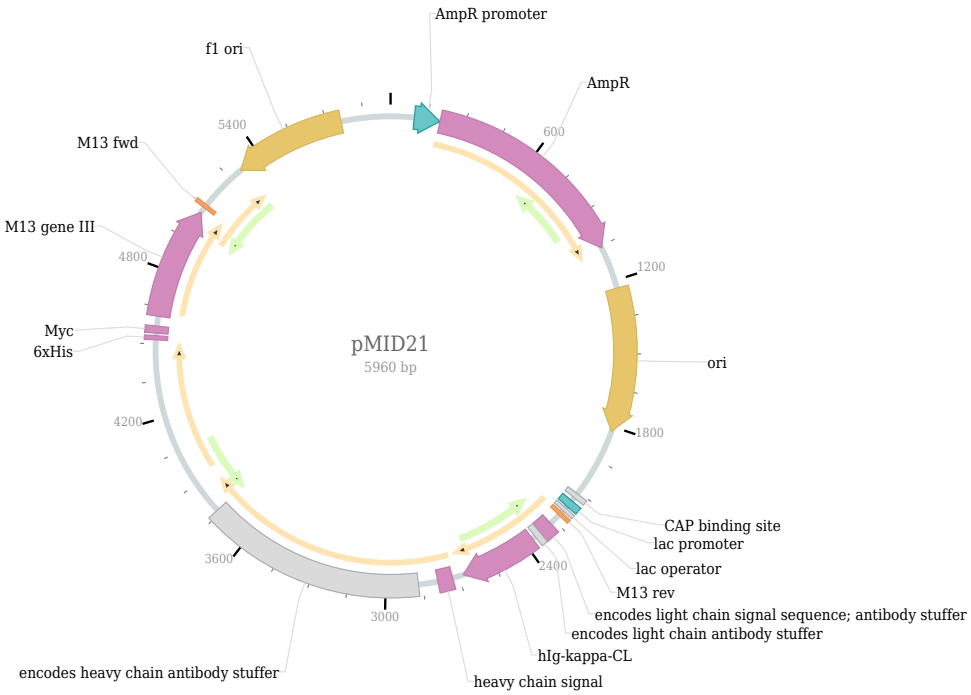
pMID21

Vector ID	V004730
Antibiotic Resistance	Ampicillin
Length	5960 bp
Vector Type	Phagemid vector

Product Information

Replication Origin	ori
Source/Author	Hoet RM, Coehn EH, Kent RB, Rookey K, Schoonbroodt S, Hogan S, Rem L, Frans N, Daukandt M, Pieters H, van Hegelsom R, Coolen-van Neer N, Nastri HG, Rondon IJ, Leeds J, Hufton SE, Huang L, Kashin I, De
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	The pMID21 is derived from pCES119 where the Fab-display cassette has been replaced with a cassette nearly identical to that of DY3F63. The iii(stump) of pMID21 is flanked by two MluI sites. MluI digestion and religation removes iii(stump), allowing the expression of soluble Fab fragments in E. coli.

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 ℃.