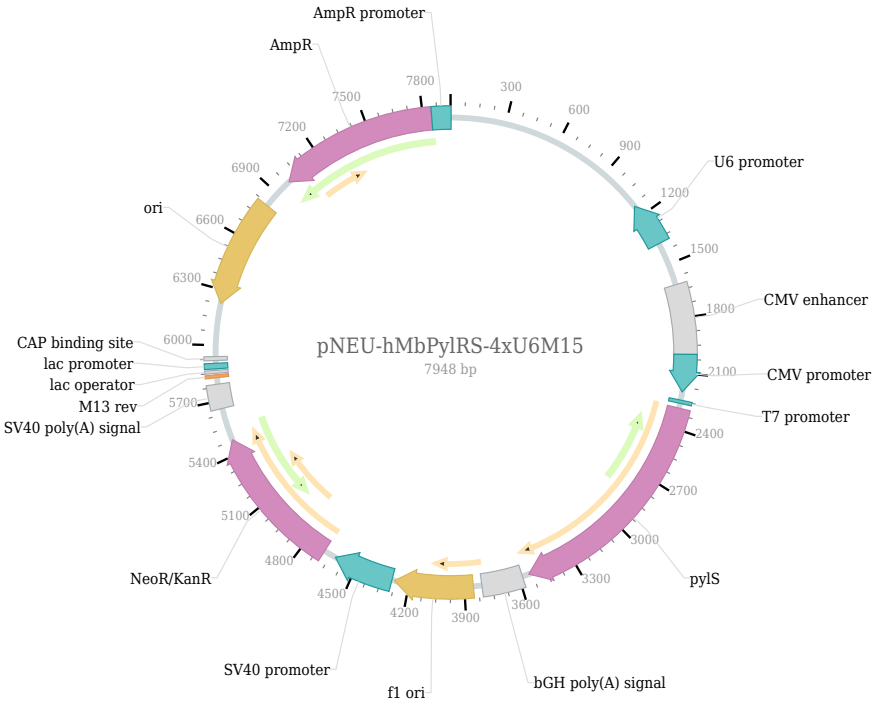
pNEU-hMbPylRS-4xU6M15

Vector ID	V017142
Antibiotic Resistance	Ampicillin
Length	7948 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	U6
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pNEU-hMbPylRS-4xU6M15 is a plasmid encoding for the Pyrrolysine translational pair that enables efficent incoporation of Pyl-like click amino acids in response to the amber codon into proteins in mammalian cells.

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 ℃.