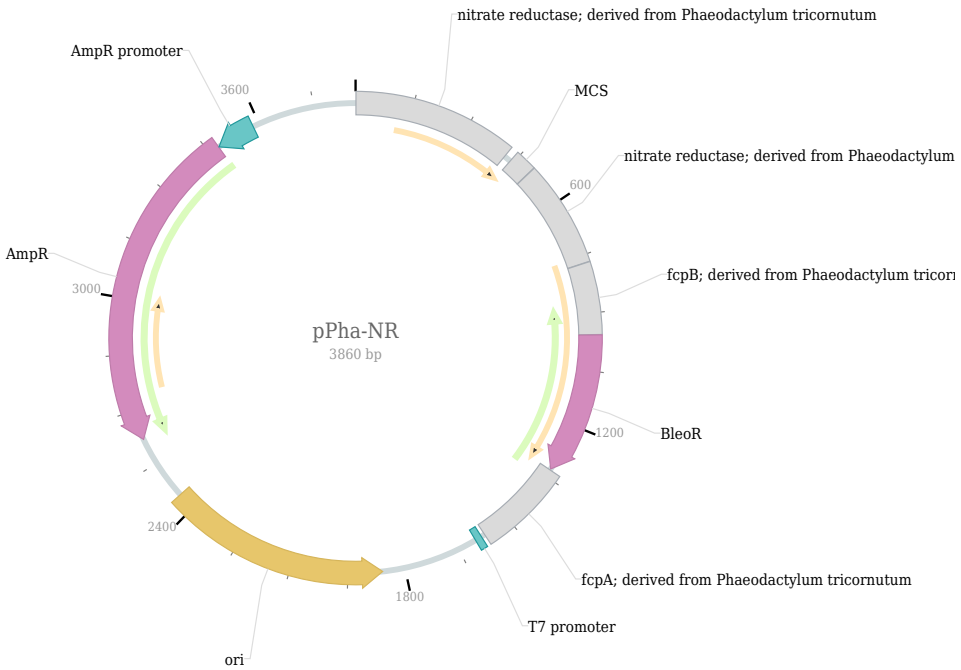
pPha-NR

载体编号 Vector ID	V004111
抗性 Antibiotic Resistance	Ampicillin
长度 Length	3860 bp
载体类型 Vector Type	Shuttle vector

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Stork S, Moog D, Przyborski JM, Wilhelmi I, Zauner S, Maier UG.
培养菌株 Growth Strain(s)	Top10
培养温度 Growth Temperature	37℃
备注 Comment	pPha-NR is a replicating plasmid for cyanobacteria Synechocystissp. PCC 6803. It uses the native phapromoter for gene expression and carries a spectinomycin resistance gene for selection, making it useful for genetic studies and metabolic engineering in this model organism.

质粒图谱



复溶方法

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 ℃.