# pPha-T1

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| **载体编号 Vector ID** | V012835 |
| **抗性 Antibiotic Resistance** | Ampicillin |
| **长度 Length** | 4095 bp |
| **载体类型 Vector Type** | Phaeodactylum vector |

## 产品信息

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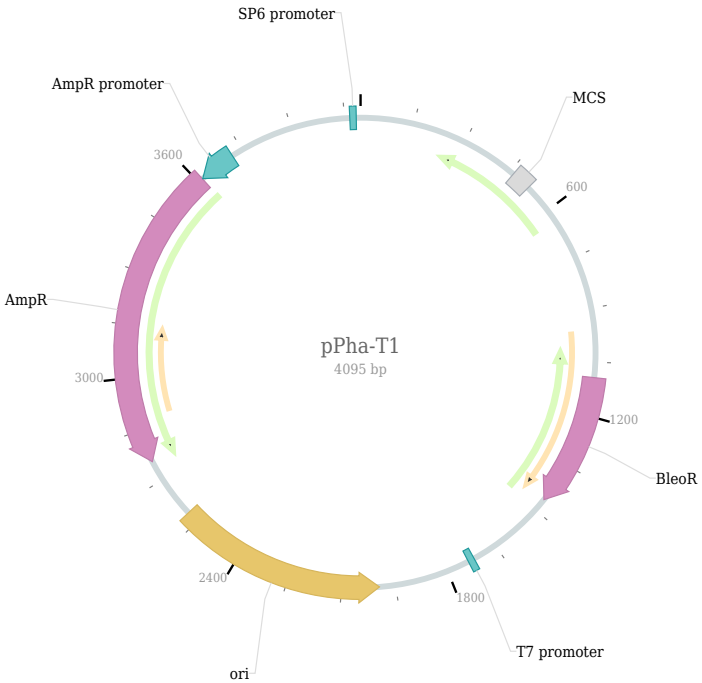
| **复制子 Replication Origin** | ori |
| **筛选标记 Selection Marker** | Zeocin |
| **拷贝数 Copy Number** | High copy number |
| **启动子 Promoter** | SP6 |
| **培养菌株 Growth Strain(s)** | DH5alpha |
| **培养温度 Growth Temperature** | 37℃ |
| **备注 Comment** | pPha-T1 is a replicating shuttle vector for the cyanobacterium Synechocystissp. PCC 6803 and E. coli. It utilizes the native psbA2promoter for strong, light-regulated gene expression and carries a spectinomycin/streptomycin resistance gene for selection in both hosts. |

## 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 ℃.