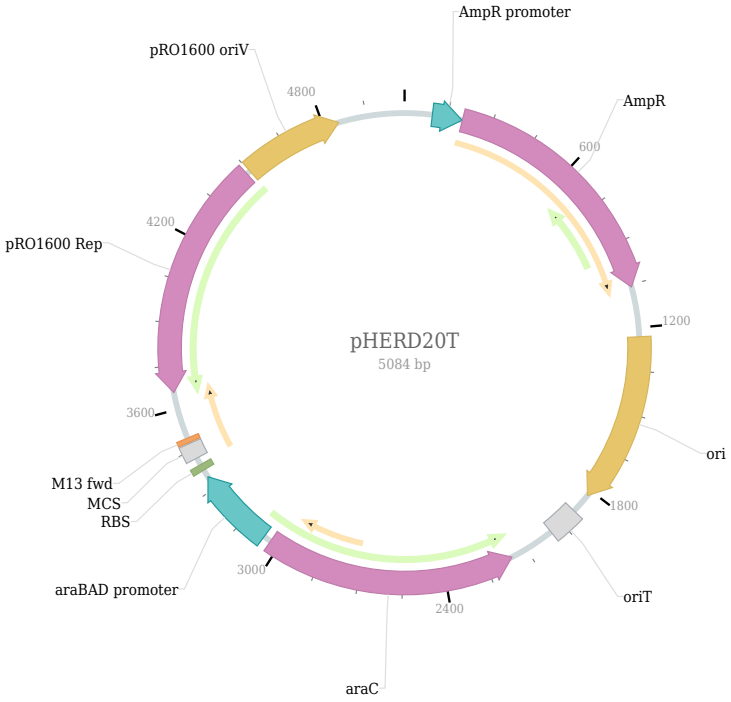
pHERD20T

Vector ID	V005568
Antibiotic Resistance	Ampicillin
Length	5084 bp
Vector Type	Escherichia-Pseudomonas shuttle vector

Product Information

Replication Origin	ori
Source/Author	Qiu D, Damron FH, Mima T, Schweizer HP, Yu HD.
Promoter	araBAD
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The pHERD20T is a Escherichia-Pseudomonas shuttle vector. The shuttle vector pHERD20T containing an arabinose inducible promoter was used to construct the CRISPRi system.

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 ℃.