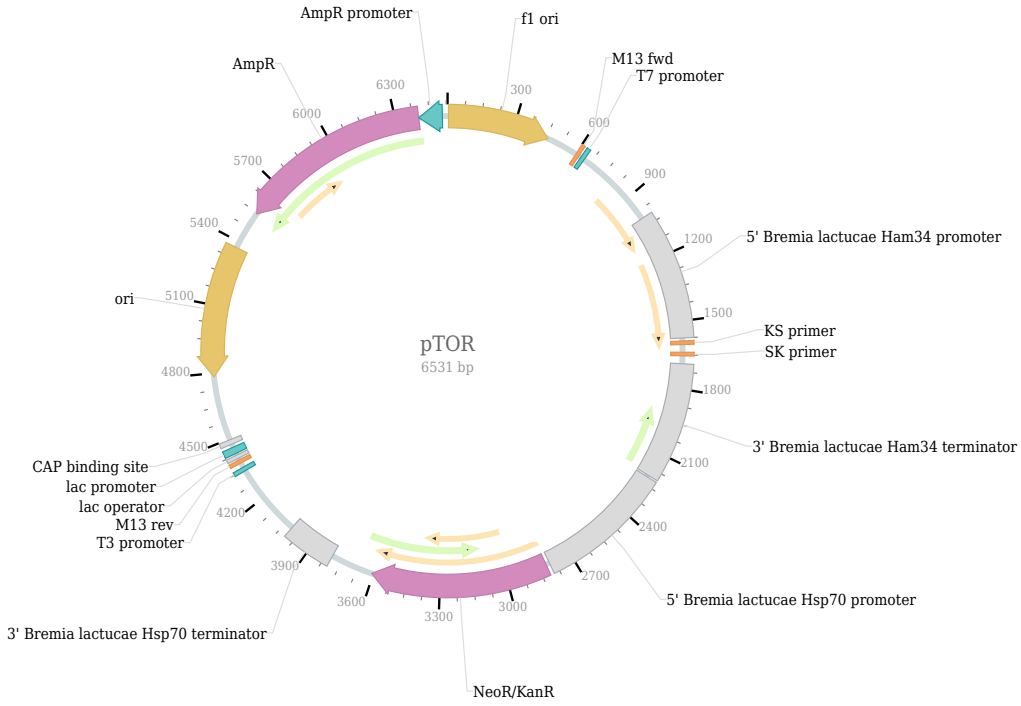
pTOR

Vector ID	V002568
Antibiotic Resistance	Ampicillin
Length	6531 bp
Vector Type	Cloning vector

Product Information

Replication Origin	ori
Source/Author	Belbahri L, Torche S, Mauch F.
Promoter	lac
Comment	pTOR is a Phytophthora transformation vector (GenBank EU257520; Belbahri, Torche & Mauch) on a pBluescript II SK+ backbone. Provides Bremia lactucae Ham34 promoter and terminator cassettes for transgene expression with Hsp70 promoter-driven nptII selection, enabling G418-selected oomycete transformation.

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 ℃.