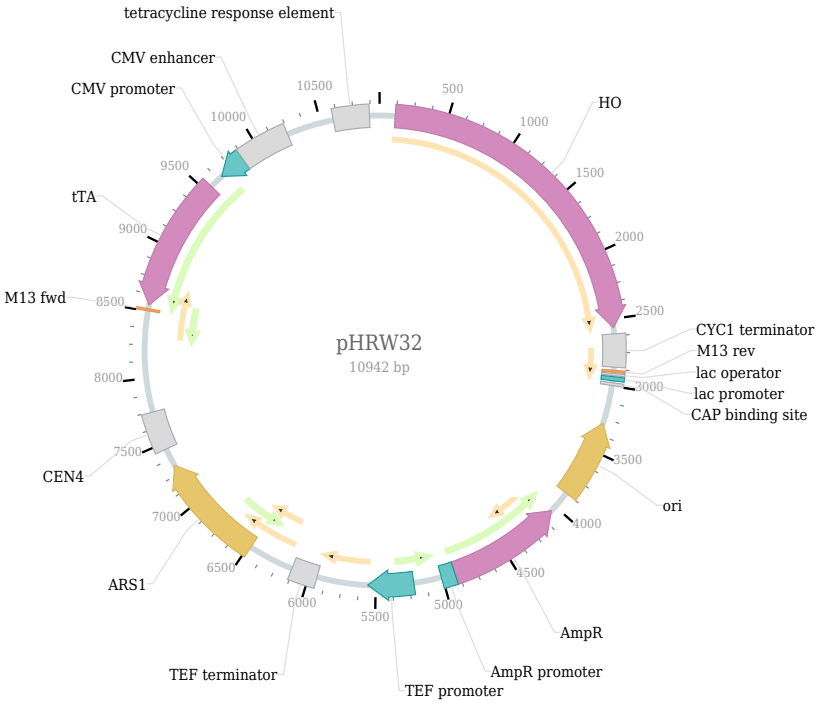
pHRW32

Vector ID	V014703
Antibiotic Resistance	Ampicillin
Length	10942 bp
Vector Type	Protein expression
Host	Yeast

Product Information

Replication Origin	ori
Selection Marker	Zeo
Promoter	TEF
Growth Temperature	37℃
Comment	pHRW32 is a novel HyPr yeast plasmid rebuilt from the pHCT2 backbone carrying ble Zeocin-resistance marker. It bears tetracycline-inducible HO endonuclease to trigger yeast mating-type switching for iterative interspecies crosses via the iHyPr workflow. Paired with pHRW40 (G418-resistant), it enables sequential multi-species hybrid construction without extra plasmid removal steps.

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 ℃.