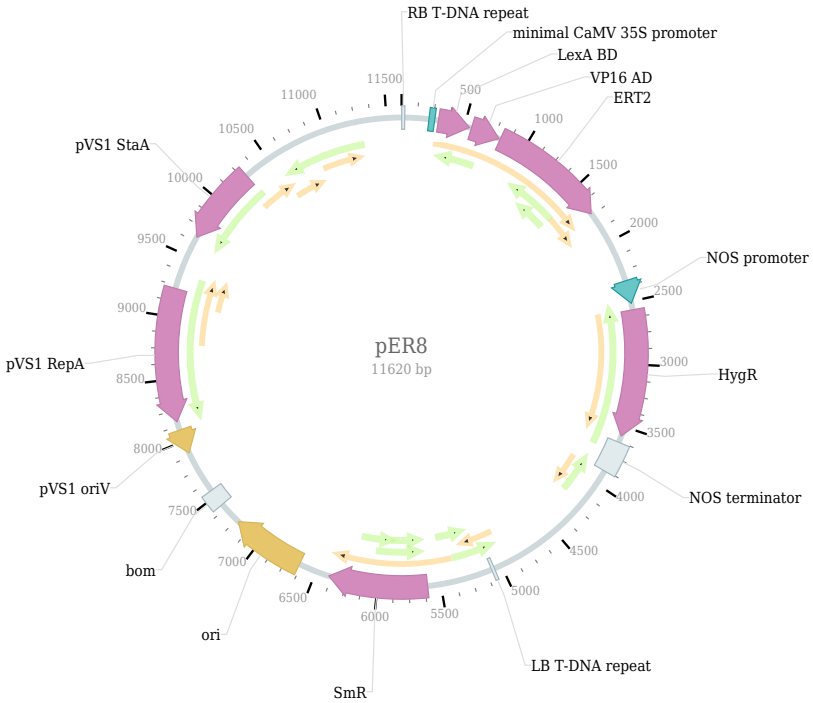
pER8

Vector ID	V012889
Antibiotic Resistance	Spectinomycin
Length	11620 bp
Vector Type	Protein expression
Host	Plants

Product Information

Replication Origin	ori
Selection Marker	Hyg
Promoter	NOS
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The pER8 vector contains an estrogen receptor-based XVE system, which is tightly regulated and highly inducible already at low concentrations of the human steroid hormone β-estradiol. It consists of successive transcription units in which the G10-90 promoter controls expression of the XVE fusion protein.

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 ℃.