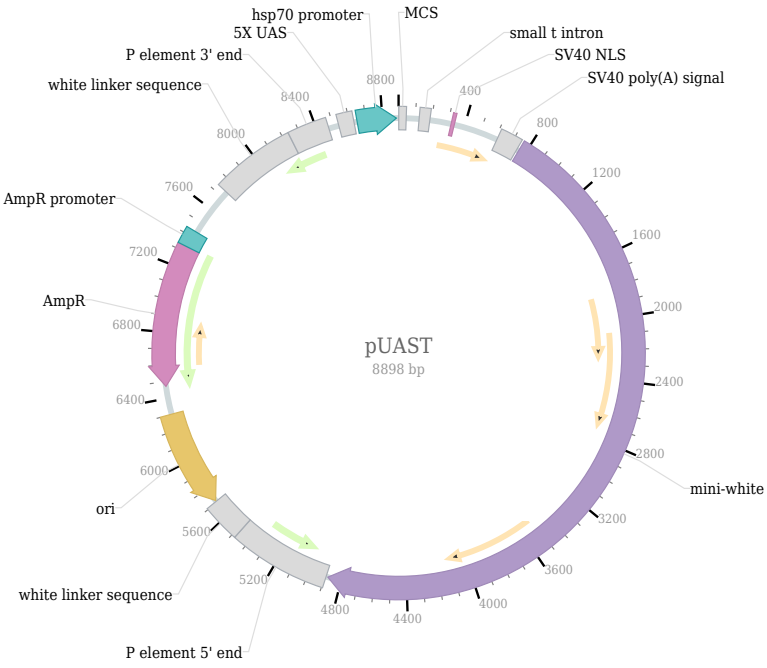
pUAST

Vector ID	V012370
Antibiotic Resistance	Ampicillin
Length	8898 bp
Vector Type	Cloning Vectors

Product Information

Replication Origin	ori
Source/Author	Brand AH, Perrimon N.
Copy Number	High copy number
Promoter	hsp70
Comment	pUAST is a P-element-based Drosophila expression vector. It contains five GAL4 binding sites (UAS) for inducible gene expression, a multiple cloning site, P-element ends for genomic integration, the mini-white gene as a selectable marker, and an ampicillin resistance gene for bacterial selection.

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 ℃.