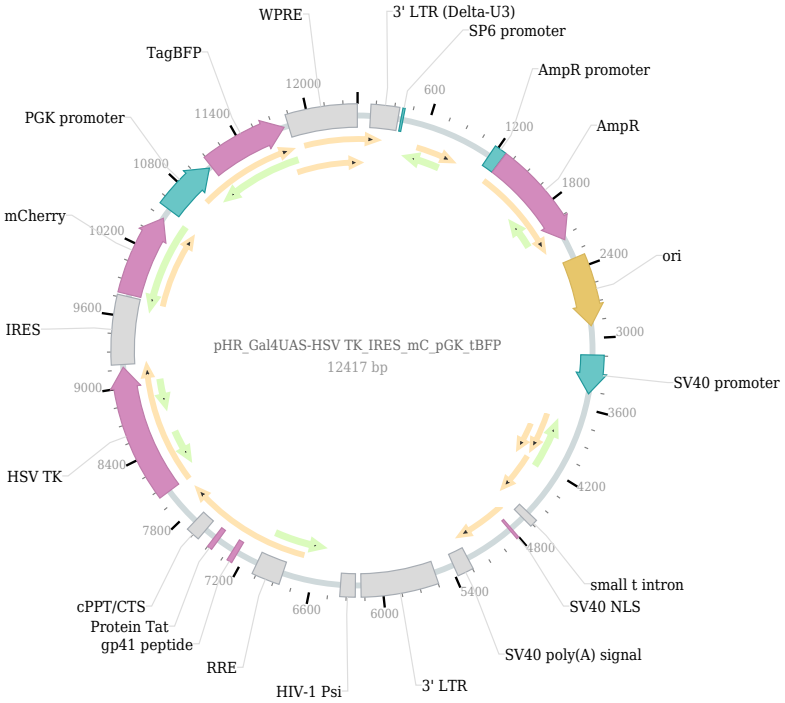
pHR_Gal4UAS-HSV TK_IRES_mC_pGK_tBFP

Vector ID	V013479
Antibiotic Resistance	Ampicillin
Length	12417 bp
Vector Type	Protein expression, Antibody expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Promoter	mPGK
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	The plasmid vector pHR_Gal4UAS-HSV TK_IRES_mC_pGK_tBFP is designed for inducible gene expression, utilizing the Gal4/UAS system to control the expression of the herpes simplex virus thymidine kinase (HSV-TK) suicide gene. It also contains an internal ribosome entry site (IRES) and fluorescent markers for tracking and selection in mammalian cells.

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 ℃.