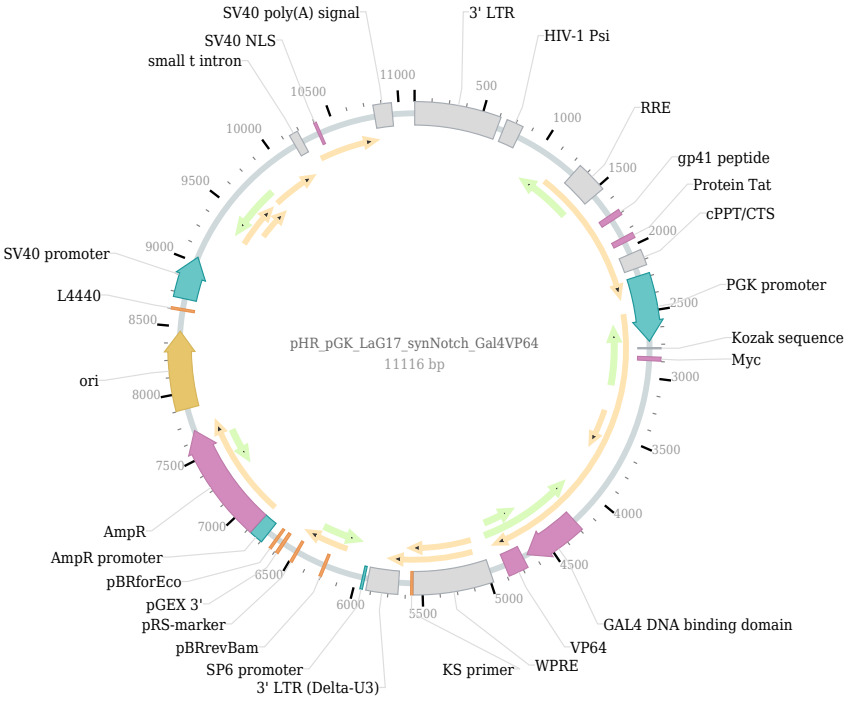
pHR_pGK_LaG17_synNotch_Gal4VP64

Vector ID	V007389
Antibiotic Resistance	Ampicillin
Length	11116 bp
Vector Type	Lentiviral

Product Information

Replication Origin	ori
Copy Number	High Copy
Promoter	mPGK
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	This lentiviral vector enables constitutive expression of a synNotch receptor. The receptor utilizes a LaG17 GFP nanobody for ligand binding and a Gal4DBD-VP64 domain for transcriptional activation, all driven by the PGK promoter for sustained expression in target 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 ℃.