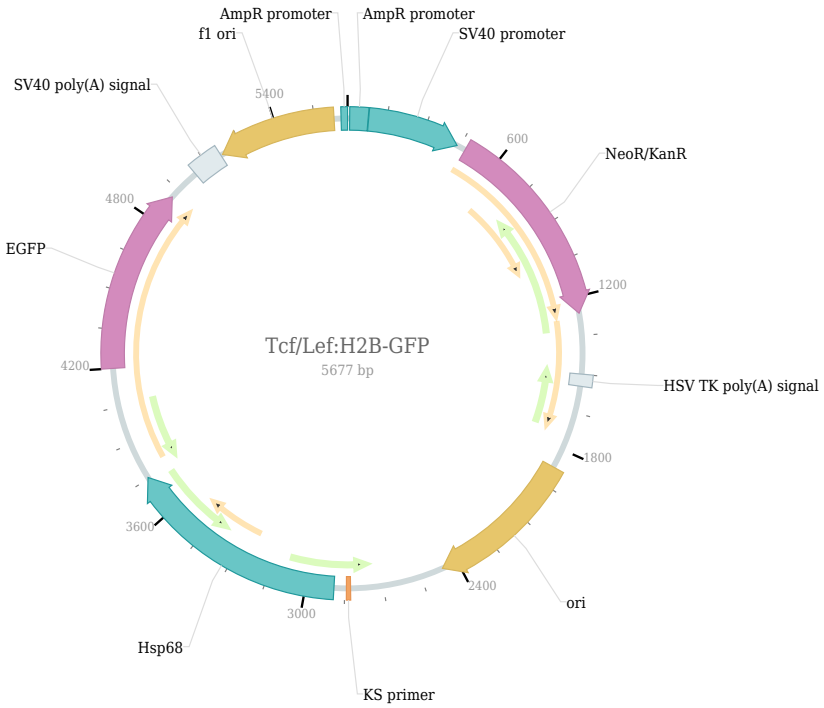
Tcf/Lef:H2B-GFP

Vector ID	V017328
Antibiotic Resistance	Kanamycin
Length	5677 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Copy Number	High copy number
Promoter	Hsp68
Cloning Method	Restriction Enzyme
5' Primer	5′ sequencing primerGF PGenotFW: A CAACAAGCGCTCGACCATCAC;
3' Primer	3′ sequencing primerGFPGenotRW: AGTCGATGCCCTTCAGCTCGAT
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	Tcf/Lef:H2B-GFP places six TCF/Lef response elements plus an hsp68 minimal promoter upstream of nuclear H2B-GFP, reporting canonical Wnt/β-catenin activity at single-cell resolution in live mammalian cells and transgenic mice.

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 ℃.