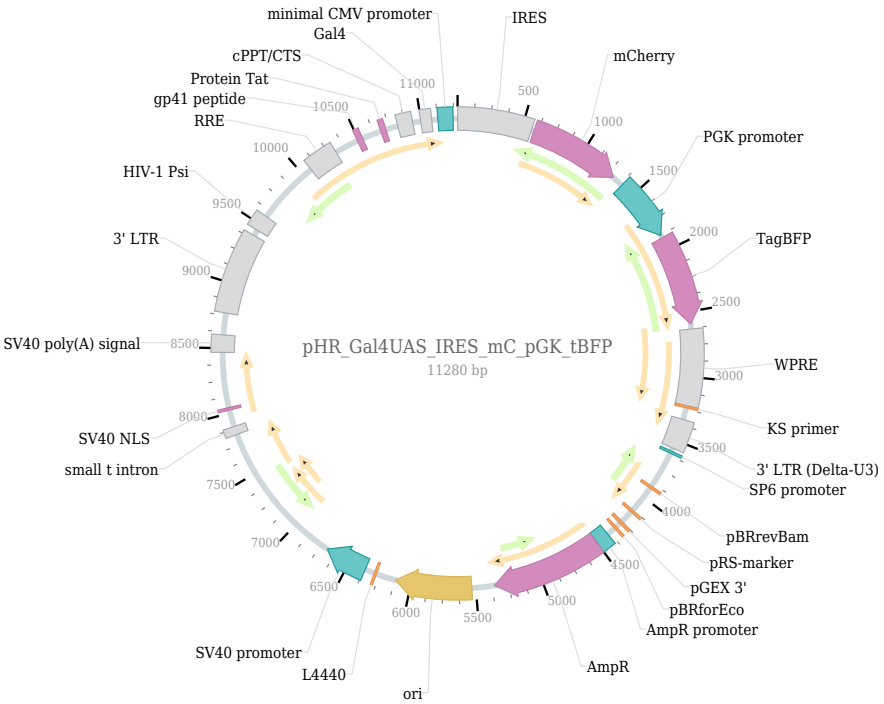
pHR_Gal4UAS_IRES_mC_pGK_tBFP

载体编号 Vector ID	V006799
抗性 Antibiotic Resistance	Ampicillin
长度 Length	11280 bp
载体类型 Vector Type	Lentiviral

产品信息

复制子 Replication Origin	ori
拷贝数 Copy Number	High Copy
培养菌株 Growth Strain(s)	stbl3
备注 Comment	This is a pHR-based lentiviral reporter plasmid designed for synNotch experiments relying on Gal4-VP64 transcription factors. Its Gal4 UAS promoter drives inducible mCherry expression via an IRES element to report synNotch activation. A separate PGK promoter constitutively expresses tagBFP to stably mark all transduced receiver cells. It serves as a dual-color readout to quantify orthogonal synNotch signaling and build combinatorial cell logic circuits like AND gates.

质粒图谱



复溶方法

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 ℃.