# pHR_SFFV_LaG17_synNotch_TetRVP64

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| **载体编号 Vector ID** | V012212 |
| **抗性 Antibiotic Resistance** | Ampicillin |
| **长度 Length** | 11269 bp |
| **载体类型 Vector Type** | Lentiviral |

## 产品信息

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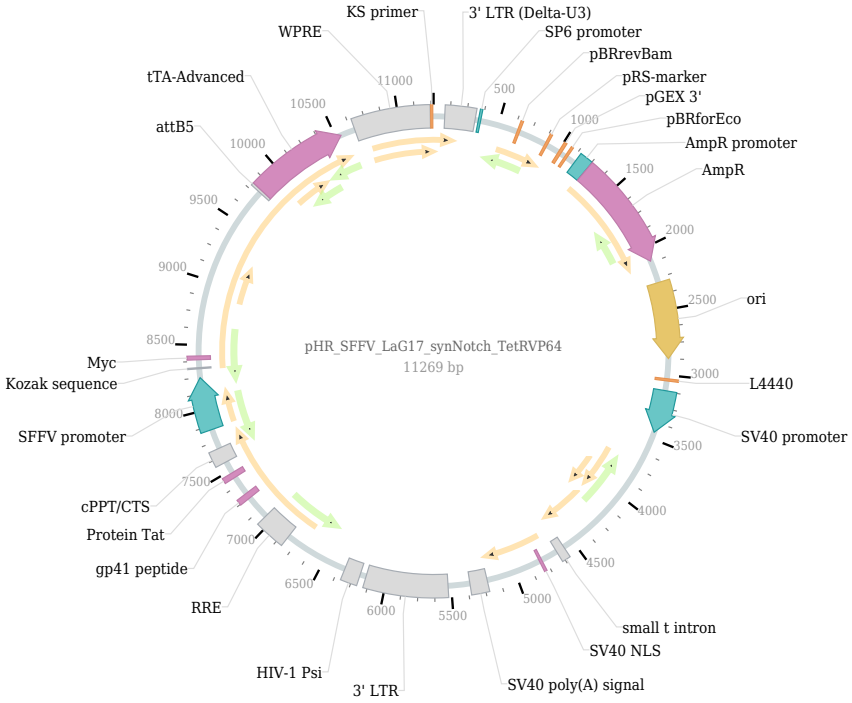
| **复制子 Replication Origin** | ori |
| **拷贝数 Copy Number** | High Copy |
| **启动子 Promoter** | SFFV |
| **培养菌株 Growth Strain(s)** | Stbl3 |
| **备注 Comment** | pHR_SFFV_LaG17_synNotch_TetRVP64 is a lentiviral vector for synthetic Notch (synNotch) receptor signaling. It features an SFFV promoter driving expression of LaG17 (a GFP-binding nanobody) fused to synNotch (chimeric receptor), along with TetRVP64 (tetracycline repressor-VP64 fusion) as a transcriptional activator. The vector also includes cPPT/CTS, RRE, HIV-1 Ψ, gp41, Tat, and 3' ΔU3 LTR for lentiviral packaging, plus AmpR, pUC ori, SV40 poly(A), and Myc tag. |

## 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 ℃.