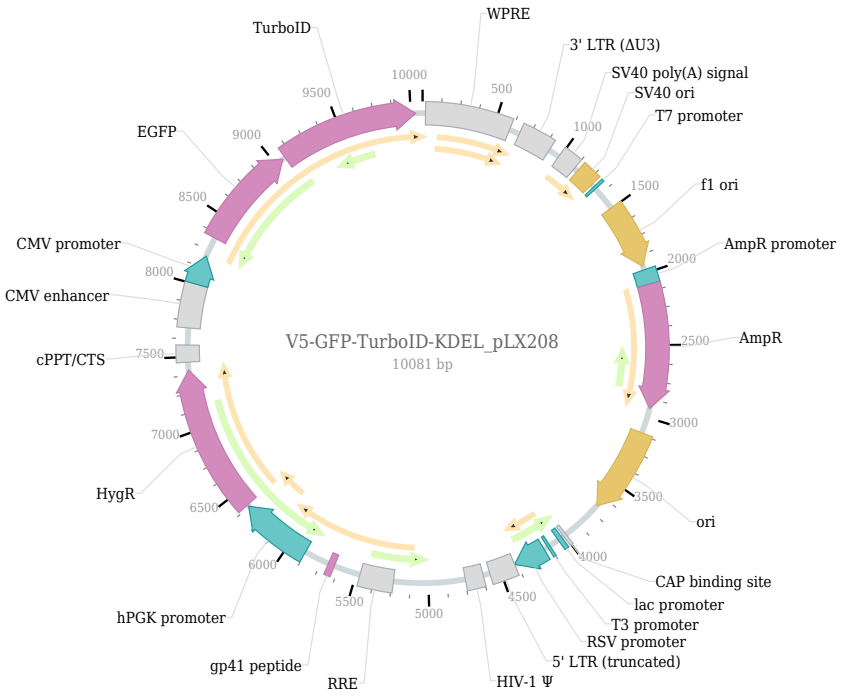
V5-GFP-TurboID-KDEL_pLX208

载体编号 Vector ID	V017845
抗性 Antibiotic Resistance	Ampicillin
长度 Length	10081 bp
载体类型 Vector Type	Protein expression
宿主 Host	Mammalian cells, Lentivirus

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Hyg
启动子 Promoter	CMV
5' 引物 5' Primer	CMV-F
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	V5-GFP-TurboID-KDEL is a Ting-lab lentiviral pLX208 plasmid built for TransitID proximity labeling. The C-terminal KDEL sequence anchors the fusion protein exclusively inside the ER lumen, preventing extracellular leakage. TurboID enables rapid, low-toxicity biotin tagging of nearby endogenous proteins within just 10 minutes of biotin incubation. It is widely used to profile ER-resident secretory precursors and track bidirectional protein crosstalk between macrophages and tumor cells via mass spectrometry.

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 ℃.