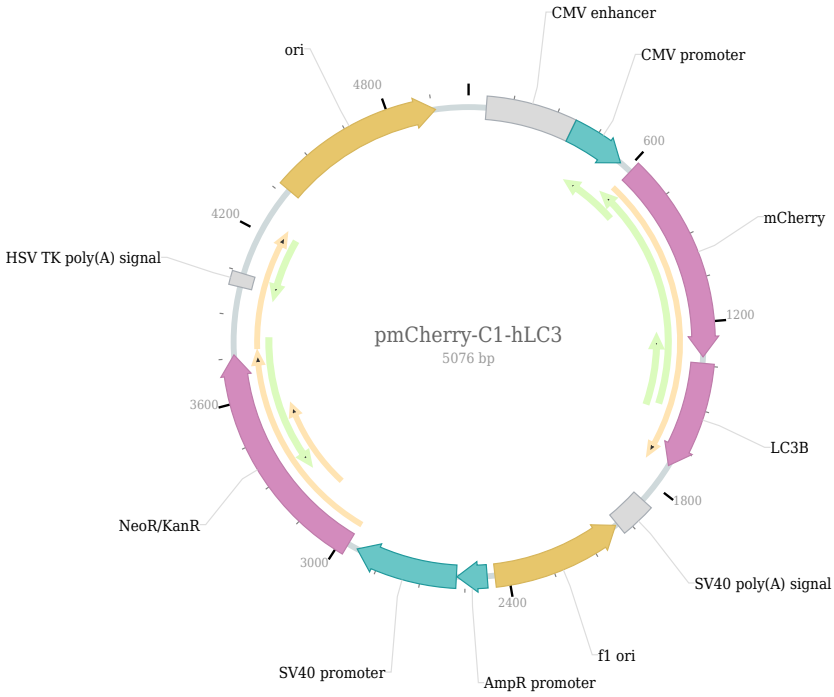
pmCherry-C1-hLC3

载体编号 Vector ID	V000361
抗性 Antibiotic Resistance	Kanamycin
长度 Length	5076 bp
载体类型 Vector Type	Cellular Autophagy Vectors

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	mCherry
启动子 Promoter	CMV
培养菌株 Growth Strain(s)	DH10B
备注 Comment	pmCherry-C1-hLC3 is an autophagy reporter plasmid expressing human LC3 (MAP1LC3B) fused to mCherry from the CMV promoter. Upon autophagy induction, mCherry-LC3 is lipidated and redistributes to autophagosomal membranes as puncta, enabling fluorescence-based monitoring of autophagosome formation and flux (Tanida et al. 2014).

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 ℃.