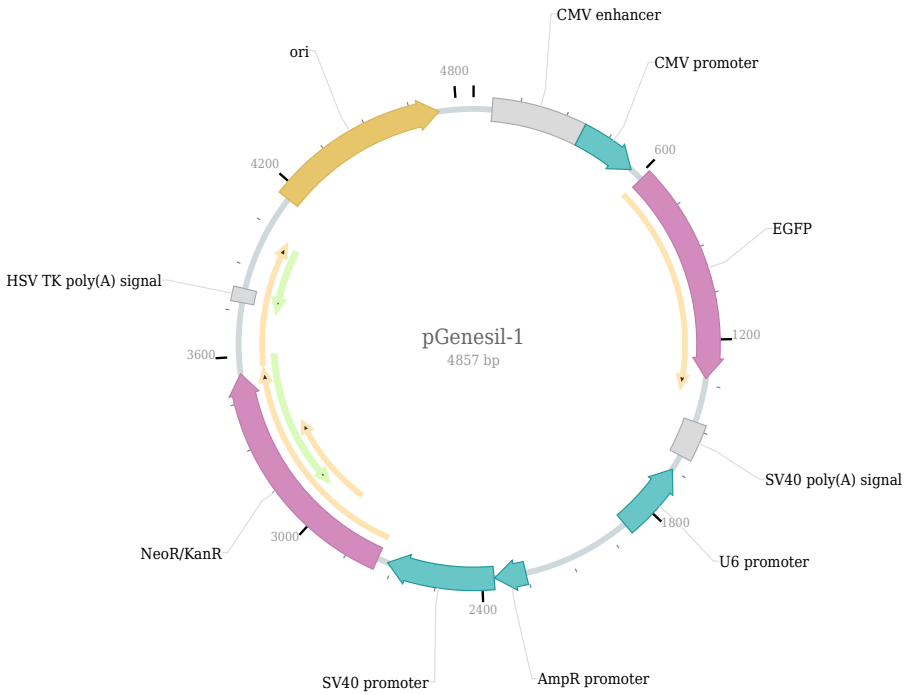
pGenesil-1

载体编号 Vector ID	V012902
抗性 Antibiotic Resistance	Kanamycin
长度 Length	4857 bp
载体类型 Vector Type	RNA interference
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Neo/G418
启动子 Promoter	U6
培养菌株 Growth Strain(s)	DH5a
培养温度 Growth Temperature	37℃
备注 Comment	pGenesil-1 is a mammalian shRNA expression vector in which the human U6 promoter transcribes hairpin inserts cloned between BamHI and HindIII. Co-expressed EGFP marks transfected cells and the neomycin (G418) marker enables stable selection. Kanamycin resistance supports propagation in E. coli; widely used for RNA interference and gene knockdown studies.

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 ℃.