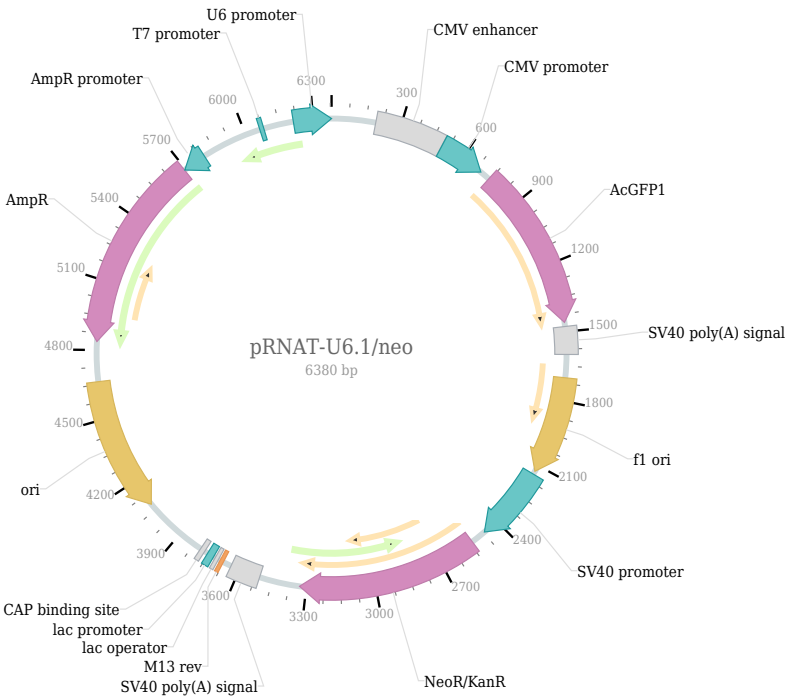
pRNAT-U6.1/neo

载体编号 Vector ID	V000095
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6380 bp
载体类型 Vector Type	RNAi vectors

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Neomycin
启动子 Promoter	U6
克隆方法 Cloning Method	Enzyme digestion and ligation
5' 引物 5' Primer	pRNA-U6 Forward (TACGATACAAGGCTGTTAGAGAG)
3' 引物 3' Primer	pRNA Reverse (TAGAAGGCACAGTCGAGG)
融合标签 Fusion Tag	cGFP
备注 Comment	pRNAT-U6.1/Neo is designed for mammalian transfection. It carries a Neomycin resistance gene as the selectable marker, which can be used for establishing stable cell line. The GFP marker (coral GFP, cGFP) under CMV promoter control can be used to track the transfection efficiency. It uses U6 promoter for siRNA expression.

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 ℃.