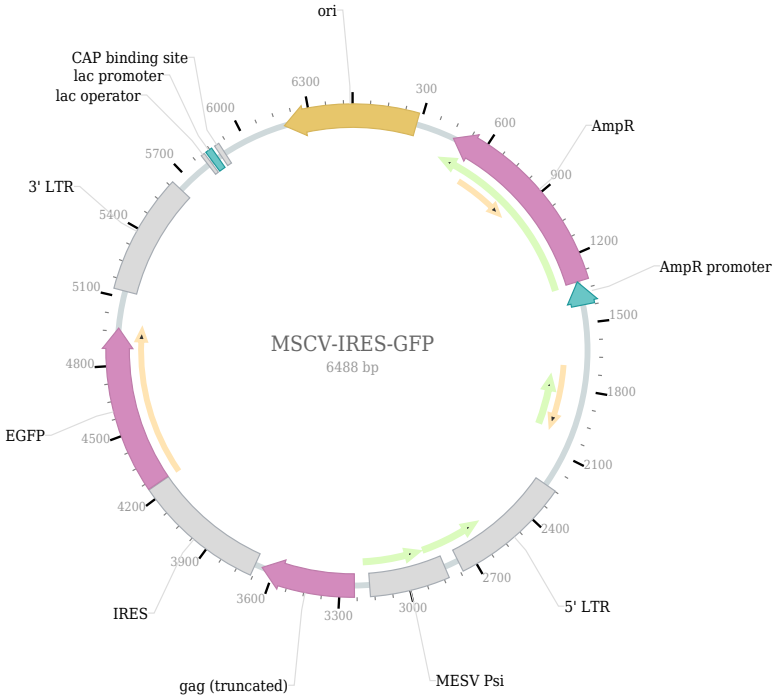
MSCV-IRES-GFP

载体编号 Vector ID	V012785
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6488 bp
载体类型 Vector Type	Viral Expression & Packaging Vectors

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Tannishtha Reya
拷贝数 Copy Number	High copy number
启动子 Promoter	MSCV
5' 引物 5' Primer	pLXSN5; pBABE5
3' 引物 3' Primer	pCDH-rev (GCATTCCTTTGGCGAGAG)
融合标签 Fusion Tag	EGFP
培养菌株 Growth Strain(s)	stbl3
培养温度 Growth Temperature	37℃
备注 Comment	The MSCV-IRES-GFP vector is a widely used retroviral construct designed to express a bicistronic mRNA encoding both the gene of interest and a GFP marker. This vector enables simultaneous expression of the transgene and fluorescent reporter, allowing for direct visualization and sorting of transduced cells. Prior to retroviral transduction, target cells are pre-activated by culturing in cytokine-supplemented media for two days to enhance receptivity to viral infection and integration.

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 ℃.