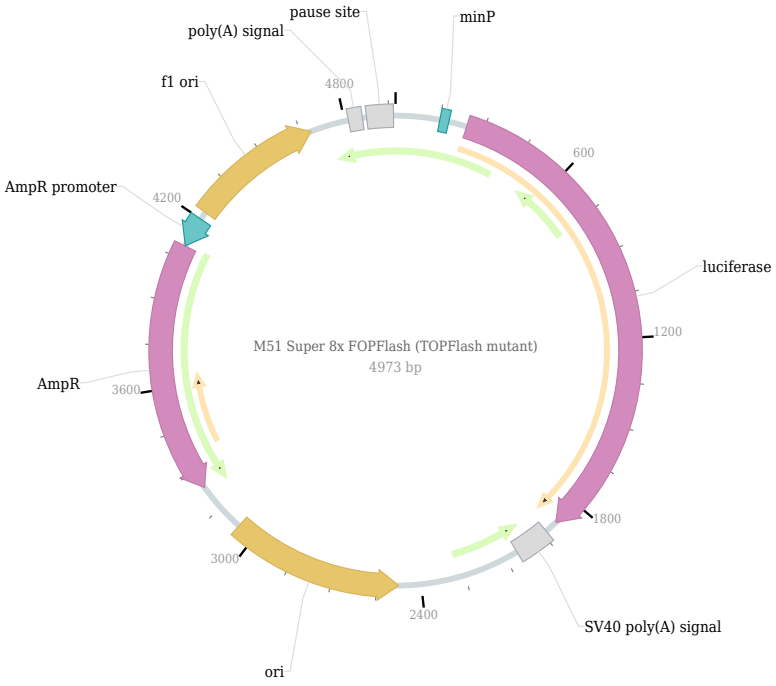
M51 Super 8x FOPFlash (TOPFlash mutant)

载体编号 Vector ID	V000831
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4973 bp
载体类型 Vector Type	Signal Pathway Reporter Vectors

产品信息

复制子 Replication Origin	ori
启动子 Promoter	minP
备注 Comment	M51 Super 8x FOPFlash is the mutant negative control of M50 Super 8x TOPFlash Wnt reporter plasmid. Its eight TCF/LEF binding motifs are fully mutated, abolishing recognition by β-catenin-TCF complexes. Unlike TOPFlash, FOPFlash shows no luminescence increase upon canonical Wnt pathway activation. It is co-transfected with TOPFlash to eliminate non-specific transcriptional interference in dual-luciferase assays.

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 ℃.