# AsCas12a

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| **载体编号 Vector ID** | V017413 |
| **抗性 Antibiotic Resistance** | Ampicillin |
| **长度 Length** | 12641 bp |
| **载体类型 Vector Type** | Genome editing |
| **宿主 Host** | Mammalian cells, Lentivirus |

## 产品信息

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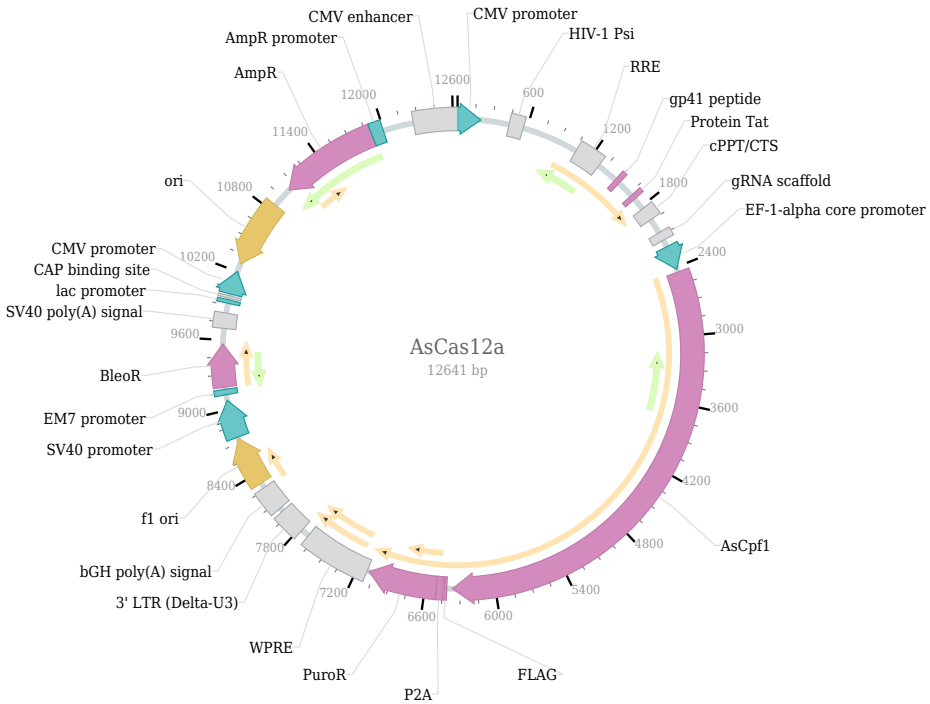
|---|---|
| **复制子 Replication Origin** | ori |
| **启动子 Promoter** | EM7 |
| **5' 引物 5' Primer** | CMV-F |
| **培养温度 Growth Temperature** | 37℃ |
| **备注 Comment** | AsCas12a is a FLAG-tagged Type V-A CRISPR nuclease from Acidaminococcus sp. BV3L6. Expressed via EF1a on a lentiviral backbone, it uses crRNA and TTTV PAM for genome editing, and supports CRISPRi/a in human cells. |

## 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 ℃.