

# M5 HiPer 植物表达载体 pCambia1301 使用说明书

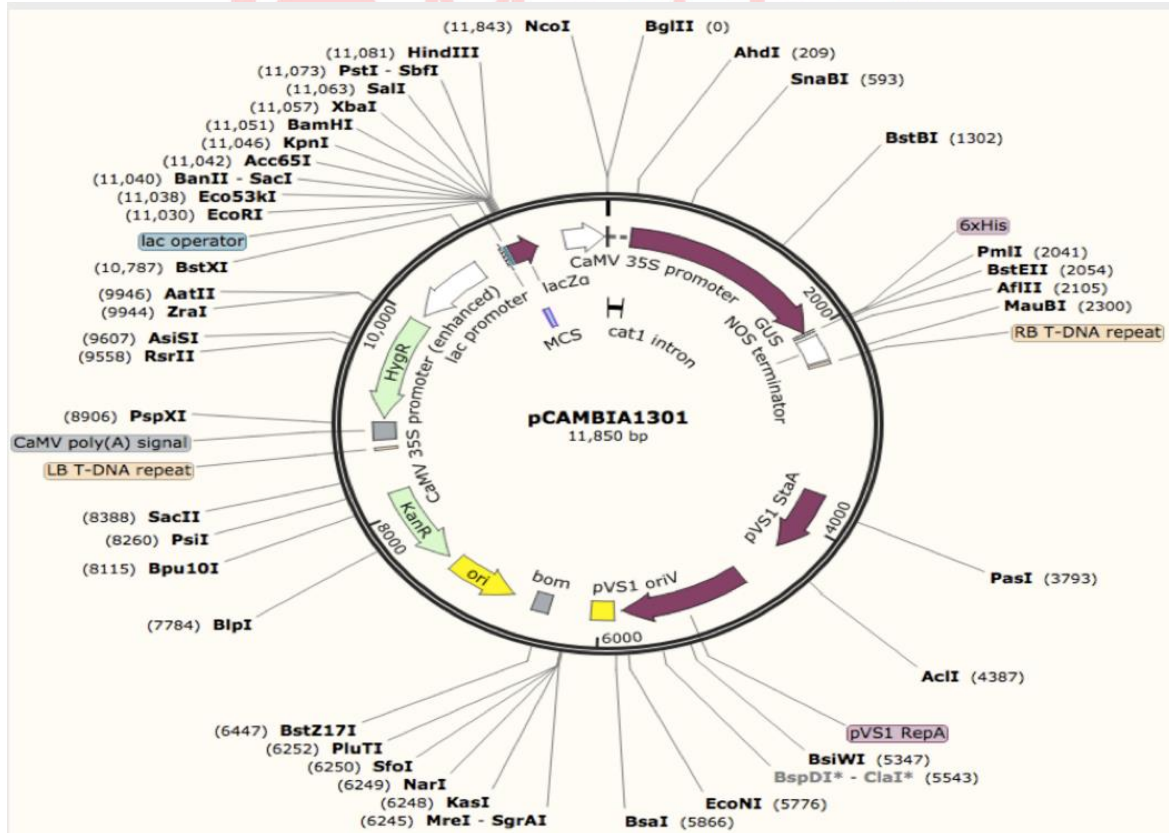
Product	Unit	Cat.#
pCambia1301	10ul,20ng/ul	MFV01079-01

保存及复活: 菌株-80℃保存, 四区划线 37℃复活, 挑单菌落接种培养使用并保存甘油菌。然后提取质粒, 质粒可以-20℃长期保存。

## 载体描述:

载体名称: pCambia1301  
 质粒类型: 植物蛋白过表达载体  
 启动子: Lac, CaMV 35S  
 克隆方法: 多克隆位点, 限制性内切酶  
 载体大小: 11850bp  
 5' 测序引物及序列: M13F: TGTAACGACGGCCAGT  
 3' 测序引物及序列: 根据序列设计引物  
 载体抗性: Kanamycin (细菌中)  
 筛选标记: Hygromycin (植物中)  
 克隆菌株: DH5a  
 培养条件: 37℃, 有氧 LB 培养基  
 表达宿主: 植物细胞

## 载体图谱:



**载体序列:**

LOCUS AF234297 11849 bp DNA circular SYN 24-APR-2000  
 DEFINITION Binary vector pCAMBIA-1301, complete sequence.  
 ACCESSION AF234297  
 VERSION AF234297.1  
 KEYWORDS .  
 SOURCE Binary vector pCAMBIA-1301  
 ORGANISM [Binary vector pCAMBIA-1301](#)  
 other sequences; artificial sequences; vectors.  
 REFERENCE 1 (sites)  
 AUTHORS Hajdukiewicz,P., Svab,Z. and Maliga,P.  
 TITLE The small, versatile pPZP family of Agrobacterium binary vectors  
 for plant transformation  
 JOURNAL Plant Mol. Biol. 25 (6), 989-994 (1994)  
 PUBMED [7919218](#)  
 REFERENCE 2 (bases 1 to 11849)  
 AUTHORS Roberts,C., Rajagopal,S., Smith,L.M., Nguyen,T.A., Yang,W.,  
 Nugrohu,S., Ravi,K.S., Vijayachandra,K., Harcourt,R.L.,  
 Dransfield,L., Desamero,N., Slamet,I., Hadjukiewicz,P., Svab,Z.,  
 Maliga,P., Mayer,J.E., Keese,P.K., Kilian,A. and Jefferson,R.A.  
 TITLE A comprehensive set of modular vectors for advanced manipulations  
 and efficient transformation of plants  
 JOURNAL Unpublished  
 REMARK Full description of constructs  
 REFERENCE 3 (bases 1 to 11849)  
 AUTHORS Roberts,C., Rajagopal,S., Smith,L.M., Nguyen,T.A., Yang,W.,  
 Nugrohu,S., Ravi,K.S., Vijayachandra,K., Harcourt,R.L.,  
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 Maliga,P., Mayer,J.E., Keese,P.K., Kilian,A. and Jefferson,R.A.  
 TITLE Direct Submission  
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