

脂肪嗜热芽孢杆菌质粒pFD101的限制性内切酶图谱

张君凯, 江行娟, 王顺德, 汪训明, 沈仁权

复旦大学遗传学研究所, 上海

收稿日期 修回日期 网络版发布日期 接受日期

摘要 从脂肪嗜热芽孢杆菌T525中抽提得到的隐蔽性质粒pFD101, 经纯化后通过琼脂糖凝胶电泳和电镜观察, 确证为cccDNA。经测定, pFD101的分子量为 3.83×10^6 道尔顿。具有限制酶HindIII切点1个、SalI和HpaII切点各2个, 没有EcoRI、PstI切点。根据限制酶片段的分子量作出了pFD101的简单酶切图。

关键词

分类号

Restriction Enzyme Cleavage Map of the Plasmid pFD101 from *Bacillus stearothermophilus*

Zhang Junkai, Jiang Xingjuan, Wang Shunde, Wang Xunming, Shen Renquan

Institute of Genetics, Fudan University, Shanghai

Abstract

A cryptic plasmid pFD101 from *Bacillus stearothermophilus* was isolated, purified and identified by gel electrophoresis and electron microscopy. The molecular weight of the plasmid was estimated to be 3.83×10^6 d. It has a single restriction site for Hind III and two for both Hpa II and Sal I and none for EcoRI, BamHI and PstI. The restriction map of pFD 101 was tentatively constructed.

Key words

DOI:

通讯作者

扩展功能

本文信息

- ▶ [Supporting info](#)
- ▶ [PDF\(640KB\)](#)
- ▶ [\[HTML全文\]\(0KB\)](#)
- ▶ [参考文献](#)

服务与反馈

- ▶ [把本文推荐给朋友](#)
- ▶ [加入我的书架](#)
- ▶ [加入引用管理器](#)
- ▶ [复制索引](#)
- ▶ [Email Alert](#)
- ▶ [文章反馈](#)
- ▶ [浏览反馈信息](#)

相关信息

- ▶ [本刊中 无 相关文章](#)
- ▶ 本文作者相关文章

- [张君凯](#)
- [江行娟](#)
- [王顺德](#)
- [汪训明](#)
- [沈仁权](#)