

图位克隆技术在分离植物基因中的应用 The Application of Map-based Gene Cloning Method on Isolating Genes of Plants

景润春, 黄青阳, 朱英国 JING Run-chun, HUANG Qing-yang, ZHU Ying-guo

武汉大学发育生物学研究中心武汉大学遗传研究所, 武汉 430072 Center of Developmental Biology and Institute of Genetics, Wuhan University, Wuhan 430072, China

收稿日期 修回日期 网络版发布日期 接受日期

摘要 本文综述图位克隆技术的原理及基本技术环节, 并与其它基因克隆技术相比较说明图位克隆技术的优缺点。本文还对近年来图位克隆技术在分离不同的植物发育基因上的广泛应用进行了简要概述, 并对其应用前景和近期的预期进展作出展望。

Abstract: In this review, the principle and basis steps of map-based gene cloning on plant were introduced in detail. At the same time, the advantages and disadvantage of the method were evaluated as compared with the other methods. The extensive application of the map-based gene cloning method on cloning genes of different plants in the past was also summarized in brief. The prospect and the expected progress in several years were proposed in this paper.

关键词 [图位克隆](#) [基因定位](#) [物理图谱](#) [比较作图](#) **Key words** [map-based gene cloning](#) [gene mapping](#) [physical map](#) [comprative mapping](#)

分类号

扩展功能

本文信息

- ▶ [Supporting info](#)
- ▶ [PDF\(0KB\)](#)
- ▶ [\[HTML全文\]\(0KB\)](#)
- ▶ [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 包含“图位克隆”的相关文章](#)
- ▶ [本文作者相关文章](#)

- [景润春](#)
- [黄青阳](#)
- [朱英国JING Run-chun](#)
- [HUANG Qing-yang](#)
- [ZHU Ying-guo](#)

Abstract

Key words

DOI:

通讯作者