

# 鸡的小卫星探针产生的猪DNA指纹图 DNA Fingerprints of Pigs Generated with a Chicken Minisatellite Probe

孟安明<sup>1</sup>, 冯书堂<sup>2</sup>, 于汝梁<sup>2</sup> MENG An-Ming<sup>1</sup>, FENG Shu-Tang<sup>2</sup>, YU Ru-Liang<sup>2</sup>

1.中国农业大学生物学院,北京 100094 2.中国农科院畜牧研究所,北京 100094 1.College of Biology,China Agricultural University,Beijing 100094 2.Institute of Domestic Animals Science,Chinese Academy of Agricultural Sciences,Beijing 100094

收稿日期 修回日期 网络版发布日期 接受日期

**摘要** 以一个鸡的小卫星cMS18为探针,对五指山小型猪、长白猪及枫泾猪进行了DNA指纹分析。结果表明,五指山小型猪的相似系数(0.721)显著高于长白猪(0.503)和枫泾猪(0.484),在遗传背景上也与后两者相距甚远。家系分析表明,鸡的小卫星探针产生的猪的DNA指纹图的遗传符合孟德尔规律。

**Abstract:**A chicken minisatellite probe cMS18 was used to generate DNA fingerprints of Wuzhisshan micropig, Landrace pig and Fengjing pig. It was revealed that similarity coefficient of Wuzhisshan micropig(0.721) was much higher than both that of Landrace pig(0.503) and of Fengjing pig(0.484). It was shown that Wuzhisshan micropig was genetically distant to Landrace pig and Fengjing pig. Analysis of a porcine pedigree using cMS18 probe manifested that the segregation of DNA fingerprint bands was consistent with the Mendelian fashion.

**关键词** [猪](#) [小卫星探针](#) [DNA纹图](#) **Key words** [Pig](#) [Minisatellite probe](#) [DNA fingerprints](#)

分类号

## 扩展功能

### 本文信息

- ▶ [Supporting info](#)
- ▶ [PDF\(1387KB\)](#)
- ▶ [\[HTML全文\]\(0KB\)](#)
- ▶ [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“猪”的 相关文章](#)
- ▶ 本文作者相关文章

- [孟安明](#)
- [冯书堂](#)
- [于汝梁MENG An-Ming](#)
- [FENG Shu-Tang](#)
- [YU Ru-Liang](#)

## Abstract

## Key words

DOI:

通讯作者