

微卫星PCR产物变性与非变性PAGE-银染检测方法的比较 The Comparison of Denatured and non-denatured PAGE-Silver- Staining Detection of PCR Product of Microsatellites

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摘要

用鸡的微卫星引物对6个中国地方鸡种的两个微卫星位点进行PCR扩增。将扩增产物在变性与非变性聚丙烯酰胺凝胶(PAGE)上进行电泳, 经银染, 表明微卫星产物在二者上的电泳结果有明显的差异。在非变性聚丙烯酰胺凝胶中, 表现为有较多的非特异带, 而在变性胶中微卫星扩增产物条带清晰, 易于鉴定。Abstract: The genomic DNAs from six chicken breeds in China were amplified using two microsatellite primers. The PCR products were detected by non-denatured and denatured PAGE gels respectively, and the gels were dyed by silver. There were distinct differences between the two kinds of gel. In non-denatured gels. There were many nonspecific bands while clear purposed bands were showed in denatured gels.

关键词 [微卫星](#) [PAGE](#) [PCR](#) [银染](#) Key words [microsatellite](#) [PAGE](#) [PCR](#) [silver-staining](#)

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