

动物科学

盐津乌骨鸡微卫星DNA多态性研究^{*}

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收稿日期 2006-10-16 修回日期

摘要 筛选了33对微卫星引物对盐津乌骨鸡的53个个体进行了遗传多样性检测分析, 共检测到136条DNA片段, 每个座位观察等位基因数从2个到8个不等, 群体等位基因数平均为4.12个, 平均有效等位基因数为3.18, 平均杂合度和平均多态信息含量分别为0.623 2和0.571 2。以上数据表明: 盐津乌骨鸡群体遗传多态性较高。

关键词 [盐津乌骨鸡](#); [微卫星标记](#); [多态性](#); [杂合度](#); [多态信息含量](#)

分类号 [S 831.2](#)

Genetic Polymorphism of Microsatellite DNA in the Population of Yanjin Black-bone Chicken

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Abstract

In this paper, 33 microsatellite loci were analysed for a total of 53 unrelated individuals from the population of Yanjin black-bone chicken breed. A total of 136 alleles were detected, and observed allele numbers per locus varied from 2 to 8. The mean number and effective number of alleles, the average heterozygosity and polymorphism information content per locus were 4.12, 3.18, 0.6232 and 0.5712, respectively. The results indicated that Yanjin black-bone chicken breed was a population which was abundant in genetic variation.

Key words [Yanjin black-bone chicken](#) [microsatellite DNA](#) [polymorphism](#) [heterozygosity](#) [polymorphism information content](#)

DOI:

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