

# 中国地方鸡种血液淀粉酶Amy-1多态性 Polymorphism of Blood Amylase-1 in Chinese Native Chicken Breeds

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摘要 本文用聚丙烯酰胺水平凝胶电泳法测定了我国 10个地方鸡种的血液淀粉酶Amy-1多态性, 发现我国地方鸡种Amy-1的AA、BB型纯合子基因型频率很低, AB型基因型频率很高, 杂合子显著过量, 且普遍存在Amy-1分布不平衡。还发现Amy-1A和Amy-1B两个等位基因频率在所有10个鸡种中几乎均为0.5。

Abstract: Blood amylase-1 polymorphism in 10 Chinese native chicken breeds was determined with polyacrylamide horizontal gel electrophoresis. It was found that both AA and BB genotype frequencies were very low, but AB genotype frequency was very high in Chinese native chicken breeds and that amylase-1 distribution in these breeds was widely deviated from Hardy-Weinberg equilibrium proportion. Both Amy-1A and Amy-1B gene frequencies were nearly 0.5 in all 10 breeds.

关键词 [地方鸡种](#) [血液淀粉酶Amy-1](#) [基因频率](#) Key words [Chinese native chicken breeds](#) [Blood amylase-1](#) [Gene frequency](#)

分类号

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## Abstract

## Key words

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