

# 仙居鸡染色体Ag-NORs及其与生产性能的关系 Studies of Chromosome Ag-NORs of Xianju Chickens and the Relation with the Productive Performance

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收稿日期 修回日期 网络版发布日期 接受日期

**摘要** 采用外周血淋巴细胞培养, 对仙居鸡Ag-NORs进行了研究。结果表明: 仙居鸡的Ag-NORs常定位于1p、3p、4p、Zp、2q上, 均数为3.26, 众数为3, 不同个体间以及同一个体不同细胞间Ag-NORs的大小, 数目和分布存在多态性, 研究还发现有Ag-NORs联合现象。此外, Ag-NORs频率不同的两组间生产性能差异比较表明: 公鸡的胫骨长差异显著 (P<0.05), 其它两组间的生产性能差异均不显著 (P>0.05)。

**Abstract:** By using the method of culturing peripheral blood, Ag-NORs patterns of Xianju chickens were investigated. The results are as follows: Xianju chickens' Ag-NORs were located in 1p, 3p, 4p, Zp and 2q. The mean value per cell was 3.26 and the mode was 3. The size, the number and distribution between different individuals or of the same individual were polymorphic, and associations of Ag-NORs were found. Performances between two groups with different Ag-NOR frequency were not significantly different (P>0.05) except shank length in Xianju cocks.

**关键词** [染色体](#) [Ag-NORs](#) [生产性能](#) **Key words** [chromosome](#) [Ag-NORs](#) [productive performance](#)

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### Abstract

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