



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 its Relationship with the Productive Performance

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常位于1p,3p,4p,Zp和2q。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($P < 0.05$),母鸡的胫骨长差异不显著($P > 0.05$)。

Abstract:By using the method of culturing peripheral blood, Ag-NORs patterns of Xianju chickens were 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 number and distribution between different individuals or of the same individual were polymorphic,and associated with productive performance.Performances between two groups with different Ag-NOR frequency were not significantly different($P > 0.05$) in Xianju cocks.

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