

中国人补体第3成份 (C3) 和备解素因子B (Bf) 的遗传多态性

赵桐茂 黄毓敏 卢月香

(上海市中心血站)

收稿日期 修回日期 网络版发布日期 接受日期

摘要 使用琼脂糖凝胶电泳和免疫结合琼脂糖凝胶电泳方法分别调查了补体第3成份 (C3) 和备解素因子B (Bf) 在中国入中的多态性。在388名无关个体中, 有两种常见的C3表现型SS和FS, 基因频率为 C3F=0.0039, C3S=0.9961。未发现衡少的C3变异型。在200例无关个体中, Bf表现型为S 155人, FS 38人, F6人以及1例FS0.7。基因频率为Bfs=0.8700BfF=0.12785, Bf50.7=0.0025。C3和Bf表现型分布与Hardy - Weinberg平衡相一致。

关键词

分类号

Genetic Polymorphism of the Third Component of the Complement And Properdin Factor B in Chinese Population

Zhao Tongmao Gui Yuemin Lu Yuxiang

(Shanghai Blood Transfusion Centre)

Abstract

The polymorphisms of the third component of the complement and properdin factor B in Chinese population have been investigated by agarose gel electrophoresis and immunofixation agarose gel electrophoresis respectively. In 388 unrelated individuals two common C3 phenotypes, 385 SS and 3 FS were observed and the following gene frequencies were obtained: C3F=0.0039, C3S=0.9961. No rare C3 variants were found in this population sample. In 200 unrelated individuals, 155 S, 38 FS 6 F and 1 FS 0.7 Bf phenotypes were found. The Bf gene frequencies calculated from these phenotype data were as follows: Bfs=0.8700, BfF =0.1275, Bfs0.7= .0025.

The C3 and Bf phenotype frequency distributions were in agreement with those expected from the Hardy-Weinberg equilibrium.

Key words

DOI:

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