

免疫球蛋白同种异型Gm, Km因子在汉族家庭中的遗传

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摘要 本文研究了Gm和Km在我国汉族家庭中的遗传情况,以便确定中国人的Gm单倍型究竟如何组成。对35个汉族家庭的203名成员检查了GM(1), (2), (3), (5), (21)和Km(1)因子。发现有6种不同的Gm表型。根据分离格局提示存在Gm^{1,1;5}, Gm^{1;21} Gm¹和GM^{1,1;21}等4种Gm单倍型,它们在蒙古人种群体中较为常见。Km(1)因子在各种Gm表型中呈随机分布,说明Gm和Km因子相互独立遗传。

关键词

分类号

Immunoglobulin Gm and Km Allotypes in Chinese(Han):A Family Study

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Abstract

The present paper is concerned with genetic studies on Chinese families regarding the Gm and Km allotypes and is meant to resolve the problem,how the haplotypes are designated in Chinese population A total of 203 individuals from 35 Chinese families of Han nationality was examined for Gm(1),(2),(3),(5),(21), and Km(1) FACTORS. Six different Gm phenotypes were identified and Gm^{1,3;5} Gm¹,Gm^{1,2;21} and Gm^{1;21} haplotypes were proposed from the segregation patterns in the family data. These four Gm haplotypes are commonly found among the Mongoloid populations. The random distribution of Km(1) factor in various Gmphenotypes suggests that Gm and Km factors are inherited independently.

Key words

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