

上海居民Hp血清型的分析研究(第二报)

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摘要 本文就20个家系共96名成员Hp血清型的遗传关系,着重分析了Hp0型的遗传规律。结果表明,中国人Hp血清型的遗传方式符合Smithies和Walker假说。关于Hp0型问题,提出以隐性基因的假说进行讨论似觉妥当。

关键词

分类号

Studies on Haptoglobin Types of Shanghai Population (Secondary Report)

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Abstract

In the previous papers the authors have reported the distribution of Hp-serum types of Shanghai population, their gene frequencies and some variants of Hp types. The major subject of present paper deals with the inheritance of Hp types of Chinese people, and to discuss the 'silent' allele of Hp0 among the population. The authors have investigated Hp types of twenty families (ninety six members in total), and found that the mode of inheritance of Hp types in them is also submitted to the theory of Smithies and Walker. However, anomalous inheritance of Hp0 types of four families could not be taken to account for this theory. Since there was no evidence of illegitimacy in the segregation data of genetic markers in other blood group systems, the postulation of 'silent' allele Hp0 at the Hp locus seems to be reasonable in regard to the inheritance of Hp0 types.

Key words

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