

上海地区男性Y染色体长臂长度与体高的关系

汪松延

复旦大学遗传学研究所

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摘要 染色体长臂(Yq)长度因种族、民族及个体的不同而有差异,通过对上海地区120名正常成年男子的Yq长度进行了C分带观察,发现其长度与男子身体有较高的相关系数,同时还发现Yq长度,上海地区汉族与东京地区日本人相似,这对估测男子身高及探讨民族起源有一定参考价值。

关键词

分类号

Dssociation of Length of the Y Chromosome in Shanghai District with Stature

Wang Songyan

Institute of Genetics,Fudan University,Shanghai

Abstract

The length of the long arm of Y chromosome (Yq) and the length of Y chromosome hetrochromatin (Yqh) is different among races species and individual.Lymphocytes were collected from 120 normal male adults in Shanghai district and cytogenetic analysis using C-banding was performed and found signiticant correlations between body height and length of the Yq,and also between body height and length of the Yqh were found.

The length of Yq between the Han nationality of Shanghai district and the Japanese nationality in Tokyo district were compared.It was discovered that these is close similarity in the both lengths of Yq in the two districts.This finding is useful as a reference for selecting sportmen of appropriate stature and for the detection and comparison of the origin of nationality.

Key words

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