

云南傣族中所见的G6PD突变型 G6PD Mutations Found Among Dai People in Yunnan Province

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摘要 利用错配碱基PCR/酶切法, 在云南傣族中发现nt1388 G→A、nt1376 G→T和nt392 G→T G6PD基因突变型。其中主要为1388突变(18/23)。此3种突变也见于华南地区的汉族中, 而有别于非中国人的突变型。提示傣族与汉族可能有同一民族渊源。利用PCR-SSCP方法在不同外显子中发现3例未知突变, 待进一步DNA序列测定定型。

Abstract: By using mis-matched PCR followed by endonuclease digestion, G6PD gene mutations nt1388G→A, nt1376G→T, and nt392G→T were found among Dai national minority in Yunnan Province. Among these mutations, 18 out of 23 were nt1388G→A mutation. These three types of mutation were also found in Han people in the southern China, and never reported in other ethnic groups worldwide. It implied that the Han and Dai people perhaps had the same ethnic origin. Mutations of three undefined cases were identified in different exons by PCR-SSCP method. The exact mutation point will be detected by DNA sequencing under further investigation.

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