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Y-Chromosome Haplotypes in the Populations of Tatar in Russia

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Abstract

In recent years the study of the evolution and diversity of the human genome in the population had a rapid development, but the question of the demographic history of certain ethnic groups, such as the Tatars, remains open. The purpose of this paper is to compare the frequencies of Y-chromosome haplogroups in the population of the Kazan Tatars, Russian Federation and ethnic populations of the Volga-Ural region (VUR). The study of the genetic structure of the Tatar population from the data on the frequencies of Y-chromosome haplogroup reflects not only the probable participation of the Finno-Ugric component in the development of a particular ethnic group, but also the fact that in the content of major haplogroups Tatars did not stand out among other populations of the Volga-Ural region. © IDOSI Publications, 2013.

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Keywords

Evolution, Human genome, Population, Y-chromosome