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Analysis of polymorphism in Alu-intercational loci in the population of Tatar in Russia

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Abstract

The study of variability and diversity of the human genome in the population had a rapid development. The purpose of this paper is to compare the data on Alu-insertion polymorphism in the population of the Kazan and baptized Tatars, Russian Federation, as well as in the neighboring populations. The material for the genetic analysis was DNA collected from 192 unrelated individuals, representatives of Tatar nationality (96-Kazan Tatars and 96 - baptized Tatars), Russian Federation. Data on ethnicity was found out by the survey, blood sampling was carried out on a voluntary basis with signed informed consent. Alu-insertion polymorphism in the population of the Kazan and baptized Tatars, Russian Federation, as well as in the neighboring populations was analysed. © IDOSI Publications, 2013.

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Keywords

Alu-insertion, Polymorphism, Tatars