

GENETIC ANALYSIS OF ADMIXTURE BETWEEN BAYASH ROMA FROM NORTHWESTERN CROATIA AND THE GENERAL CROATIAN POPULATION

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The Roma are a minority group that do not share a common homeland, speak different languages and consist of individuals of various religions. Population-genetic studies of Roma as a transnational isolate have mostly sought to compare their genetic affinities with proposed parental populations. The aim of this study is to assess the genetic structure of the Bayash Roma population from northwestern Croatia, and of the general Croatian population, and to investigate the extent of admixture between them. Population differentiation and structure were analyzed using a set of genetic microsatellite data from two original studies (100 Bayash Roma from northwestern Croatia and 195 individuals from the general Croatian population). Results demonstrated that two population clusters best explain the genetic structure. Most individuals of the Bayash Roma population were assigned to a single genetic cluster and most individuals of the general Croatian population were assigned to another. Admixture analysis revealed that the percentage of non-Croatian individuals in the general Croatian population is approximately twice higher than the percentage of non-Romani individuals in the Romani population. Higher percentages of admixed and non-Croatian individuals found in the general Croatian population and lower percentages of admixed and non-Roma individuals found in the Bayash Roma population are in line with the presence of ethnomimicry in Roma.

Key words: *population substructure; admixture; Bayash Roma, ethnomimicry*

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POSSIBLY THE FIRST CASE OF AGENESIS OF SECOND AND THIRD MOLARS IN HUMAN SKELETAL REMAINS FROM KENDIRCI HELLENISTIC PERIOD GRAVES, TURKEY

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Human dental studies spanning the period from the Paleolithic to the present revealed an extremely high variation in the occurrence of agenesis in different populations. The aim of the present study is to study agenesis in the ancient population of Kendirci, Izmir, Turkey. The site is located on the western coast of the country – the Aegean region – and dates to the Hellenistic Period. Nineteen graves with 11 adult skeletons (7 males and 4 females) were excavated. Images of mandibles were obtained using a Planmeca ProMax(®)