Accepted Manuscript

Title: Statistical and population genetics issues of two Hungarian datasets from the aspect of DNA evidence interpretation

Author: Zoltán Szabolcsi Zsuzsa Farkas Andrea Borbély Gusztáv Bárány Dániel Varga Attila Heinrich Antónia Völgyi

Horolma Pamjav

PII: \$1872-4973(15)30015-6

DOI: http://dx.doi.org/doi:10.1016/j.fsigen.2015.05.011

Reference: FSIGEN 1357

To appear in: Forensic Science International: Genetics

Received date: 6-2-2015 Revised date: 11-5-2015 Accepted date: 14-5-2015

Please cite this article as: Zoltán Szabolcsi, Zsuzsa Farkas, Andrea Borbély, Gusztáv Bárány, Dániel Varga, Attila Heinrich, Antónia Völgyi, Horolma Pamjav, Statistical and population genetics issues of two Hungarian datasets from the aspect of DNA evidence interpretation, Forensic Science International: Genetics http://dx.doi.org/10.1016/j.fsigen.2015.05.011

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

1	Title: Statistical and population genetics issues of two Hungarian datasets from the aspect of DNA evidence interpretation
2	Authors:
3	Zoltán Szabolcsi, Zsuzsa Farkas, Andrea Borbély, Gusztáv Bárány, Dániel Varga, Attila Heinrich, Antónia Völgyi and Horolma Pamjav*
4	DNA Lab, Institute of Forensic Medicine, Network of Forensic Science Institutes, Ministry of Justice, Budapest, Hungary
5	*Corresponding author: Horolma Pamjav (phorolma@hotmail.com), Tel: 361-457-01-83, Fax: 361-457-0182
6	Address: Institute of Forensic Medicine, Network of Forensic Science Institutes, Ministry of Justice, Budapest, Hungary
7	1536 Budapest, PO 216. Hungary
8	
9	Highlights
10 11 12 13 14	 21,473 individuals tested from Hungarian Offender DNA Databank All statistical and forensic efficiency parameters were calculated No genetic substructure was detected by STRUCTURE analysis Allele frequency dataset was compared with a previous one from the same population The new dataset provides less biased and more precise estimates of LR
15	
16	
17	

Download English Version:

https://daneshyari.com/en/article/6553690

Download Persian Version:

https://daneshyari.com/article/6553690

Daneshyari.com