



## John Doe Megapopulations Report

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Genetic systems known as [autosomal markers](#) were analyzed at [DNA Diagnostics Center](#). Testing revealed a unique [DNA fingerprint or profile](#). The numbers reflect your genetic inheritance from all previous generations and can suggest statistical matches for your overall ancestry or mix of lines.

On the basis of your unique [DNA fingerprint or profile and its analysis](#), this special report gives you your [megapopulation](#) results, the broadest possible biogeographical categories answering the question, "Where do I come from."

### **Megapopulations: the Bottom Line**

These are the Top Ten broadest possible ancestry categories for your relative mix of ethnicities. The number rendered as Average Frequency is the statistical chance of occurrence for your unique DNA profile in that megapopulation. These frequencies are based on the 450 world populations in our database [atDNA 8.0](#) grouped into [21 megapopulations](#). Often a megapopulation corresponds to a continent-specific grouping, such as African. At other times, the megapopulation represents an emigrant or derived ethnicity, such as Jewish or Iberian American (also known as Hispanic). The largest megapopulation contains over 10,000 subjects, and the smallest has fewer than fifty, but all samples are reliable and valid. The higher the frequency the greater the match and more likely it is you have ancestry in that megapopulation. A graphic representation is shown on a following page.

<u>Mega Population</u>	<u>Sort by Avg. Freq. (1 in )</u>
Iberian	8.439E+12
American Indian	1.132E+13
Iberian American	1.224E+13
Northern European	1.670E+13
European American	1.684E+13
South Asian	1.739E+13
Central Asian	1.943E+13
East European	2.136E+13
Jewish	2.379E+13
Mediterranean European	2.634E+13

## **Analysis and Conclusion**

These predictions show that your DNA profile on the face of it is most common in present-day Romani populations followed by the others. Matches are relative, not absolute, and they cannot be equated to percentages or strict ranking. Certain comparisons can nonetheless be made between them; for instance, those having the same order of magnitude probably reflect ancestries on a par with each other. A number twice as strong as another may demonstrate ancestry doubly important. You are cautioned not to over-interpret these comparisons, however. All populations are mixed, and not all profiles are equally amenable to analysis.

If you have not done so already, you may order the full [DNA Fingerprint Plus](#) with the [Premium Upgrade](#) (\$199). There is no need to be resampled.

**Donald N. Yates, Ph.D.**

Principal Investigator

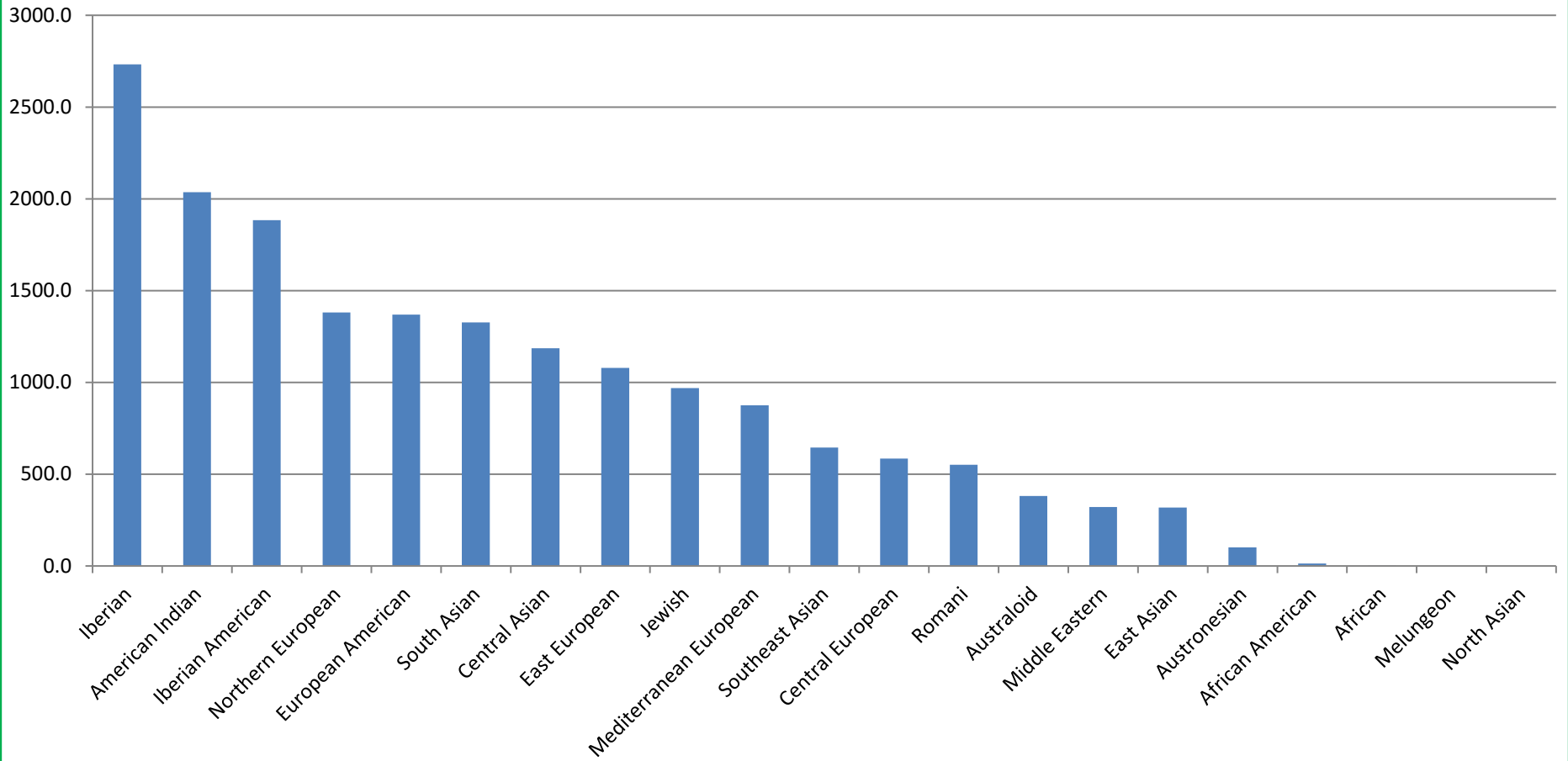
[DNA Consultants](#)

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## **Disclaimers**

This Megapopulations DNA Test is a probabilistic prediction of ancestry for personal knowledge only. It is a non-chain of custody form of testing and is not intended for legal or official purposes. Its results may or may not confirm expected ethnic composition, family history or genealogical determinations. Alone, it may not be used to prove identity, biological relationships, nationality, citizenship, immigration or tribal enrollment

## John Doe Megapopulations Relative Strength Index



## Some Links to Help You Understand Your Report

**Glossary of Terms Used in This Report:** <http://dnaconsultants.com/glossary>.

**Understanding Your Results (FAQs):** <http://dnaconsultants.com/DNAScience#testfaq>.

**Statistics Glossary**, by Valerie J. Easton & John H. McColl:  
<http://www.stats.gla.ac.uk/steps/glossary/probability.html>.

**News Announcement on Megapopulations**, Nov. 17, 2011:  
<http://dnaconsultants.com/AnnouncementRetrieve.aspx?ID=80102>.

**DNA-Interactive** (web site): <http://www.dnai.org/index.html>. Easy to explore video modules on the many applications of DNA in the words of the founders and practitioners of genetics today.

**Human Genome Project Information, "DNA Forensics":**  
[http://www.ornl.gov/sci/techresources/Human\\_Genome/elsi/forensics.shtml](http://www.ornl.gov/sci/techresources/Human_Genome/elsi/forensics.shtml)

**Following Up.** Join a Forum at [DNA Communities](#) for free. Just follow the prompts to register and set your preferences. Begin exploring your results and sharing your genealogy with others. Choose from European, World, Native American, Melungeon, African, Jewish and Romani discussions. Visit our [blog](#) for interesting reviews of news and research about genetics and ancestry tracing.

**Disclaimers.** While the laboratory methods used to determine the DNA markers identifying you are accurate to 1 in 40 quintillion and their statistical analysis is completely reliable, interpretation of the numerical results is subjective and conclusions will vary. To form more confident opinions, we suggest that you combine the findings in this report with other testimony, such as that of DNA haplotypes, genealogical records and family history. In unusual cases people may receive a misleading indication for an ancestry resulting from statistical convergence (false positive) or a mathematical phenomenon known as "outliers." These cases are extremely rare. This is a private test and is not offered for legal or medical purposes.