



John Doe

Melungeon DNA Test

Dxxxx- C0Z-

Results

As can be seen, Melungeon (n=40) does not appear in the subject’s top 50 population matches. Its rank is #88. On a megapopulation basis, Melungeon constitutes the 4th strongest. In the European lineup, related populations are #1 Portuguese and #29 Turkish. There are also six Portuguese populations in the Top 50 World matches.

It is thus highly likely the subject has a high amount of Melungeon ancestry.

A Melungeon certificate is provided at the end of the report.

Your Top 50 Matches

The scores shown in green and yellow (known as CoDIS markers) were compared with profile frequencies for more than 520 populations from around the world stored in our computer program [atDNA 10.3](#). The following populations—though not in strict order of importance—proved to be the leading matches for you on a multi-locus basis. The n-number (n=109, n=228, etc.) reflects the number of participants in the sample used to represent the population in the published study. For more information, links and representative examples of any given ancestry, see [All Populations](#).

Rank	World Population Matches
1	Scottish - Strathclyde region (n = 252)
2	Spanish - Andalusian (n = 100)
3	White - Canadian (n = 164)
4	Spanish - Minorcan (n = 100)
5	White - Canadian (n = 83)
6	Spanish - Canary Islands (n = 240)
7	Portuguese - Azores (n = 100)
8	White - Virginia (n = 174)
9	Spanish (n = 401)
10	White - U.S. (n = 302)
11	Belgian - Flemish (n = 231)
12	White - Maine (n = 151)
13	Belgian (n = 100)

14	White - Canadian (n = 293)
15	Portuguese - Porto region (n = 39)
16	Moroccan (n = 205)
17	White - U.S. (n = 172)
18	Spanish - Andalusian (n = 114)
19	Belgian - Flanders (Dutch) (n = 222)
20	White - North Carolina (n = 372)
21	Portuguese - White (n = 146)
22	Native American - Michigan (n = 29)
23	New Zealand Caucasian (n = 17675)
24	Hispanic - Michigan (n = 75)
25	Polish - Northern (n = 202)
26	White - Marion County, Indiana (n = 170)
27	White - Virginia (n = 99)
28	White - Alabama (n = 75)
29	Portuguese - Northern (n = 200)
30	Slovakia – Saris (n=848)
31	Australian - Western (n = 2645)
32	Moroccan Berbers (n = 48)
33	Spanish (n = 342)
34	Spanish - Canary Islands (n = 138)
35	White - Minnesota (n = 160)
36	Hispanic - Connecticut (n = 187)
37	Argentinian - Fomosa (n = 78)
38	Spanish - Balearic Islands (n = 113)
39	Norwegian (n = 1380)
40	White - U.S. (n = 102)
41	White - U.S. (n = 3,915)
42	Portuguese - Northern (n = 427)
43	Native American - Florida (n = 105)
44	Brazilian - Mato Grosso do Sul (n = 158)
45	Iberian Peninsula - Basque Country (n = 248)
46	White - Kentucky (n = 349)
47	Swedish (n = 311)
48	Portuguese - Central (n = 114)
49	White - Minnesota (n = 75)
50	Spanish - Extremadura (n = 143)

Technical Notes

Genetic systems known as autosomal markers were analyzed at our accredited testing laboratory. The table below shows you how your unique [DNA fingerprint](#) or lab results look. The numbers (alleles) reflect your genetic inheritance from all previous generations and produce a picture of your overall ancestry and ethnicity when run in our computer program [atDNA 10.3](#). Your alleles from both parents are fully represented on the chart, although it is not possible to determine which allele on each line came from which parent. Locus is the location on the chromosome for these alleles, also known as STRs, or [Short Tandem Repeats](#).

Your Genetic Profile

<i>Locus</i>	<i>Alleles</i>		<i>Typical Range</i>
D8S1179	10	11	7 - 24
D21S11	29	31	12 - 41.2
D7S820	10	11	5 - 17
CSFIPO	10	12	6 - 18
D3S1358	14	18	9 - 21.1
THO1	7	9	4 - 13.3
D13S317	13	14	5 - 17
D16S539	11	13	4 - 20
D2S1338	17	21	10 - 28
D19S433	12	13	9 - 19.2
VWA	16	19	8 - 24
TPOX	8	9	5 - 16
D18S51	15	17	7 - 31
D5S818	11	13	6 - 17
FGA	21	22	6 - 48.2

To see all your results, you may purchase the [Premium Upgrade](#). This will give you a DNA Fingerprint Plus with 18 Marker Panel, a comprehensive analysis of all your ancestry, including your top world matches, countries of Europe, megapopulations and ethnic marker panel, together with a world ancestry map. Use the special promo code **cherokee** to receive a 10% discount on the Plus or on any other DNA test we offer. There is no need to be re-sampled; we retain your lab results on file. This discount never expires and may be passed on to family members and friends.

We encourage you to join the Melungeon Forum at [DNA Communities](#), where you can share your results and genealogy and meet others interested in their ancestry. It's fun, free and informative.

Susan Levin

Associate Investigator

[DNA Consultants](#)

October 11, 2019

Disclaimers

This DNA Ancestry 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.

References and Suggestions for Further Reading

1. Cavalli-Sforza, Luigi Luca and Francesco Cavalli-Sforza (1995). *The Great Human Diasporas* (New York: Basic). Wonderful, readable classic on human genetics and prehistory by father and son.
2. Hirschman, Elizabeth C. (2005). *Melungeons: The Last Lost Tribe in America*. Macon: Mercer University Press.
3. Hirschman, Elizabeth Caldwell and Donald N. Yates, "Toward a Genetic Profile of Melungeons in Southern Appalachia," *Appalachian Journal* 38/1 (Fall 2010) 92-111.
4. 100Kennedy, N. Brent with Robyn Vaughan Kennedy (1997). *The Melungeons: The Resurrection of a Proud People. An Untold Story of Ethnic Cleansing in America*. 2 ed. Macon: Mercer UP.
5. [Melungeon Studies Page](#): Gateway to Information.
6. Starnes, Phyllis E. and Donald N. Yates. *Ancestors and Enemies: Essays on Melungeons*. Phoenix: Panther's Lodge, 2013. [Audiobook](#) narrated by Ginger Cucolo, 2014.
7. Yates, Donald N. and Teresa A. Yates (2014). [DNA and You: Blog Posts from the Golden Age of the Human Genome Project](#). Longmont: Panther's Lodge Publishers.

Key to Rank or Significance

Highly Likely On a combined basis, the ancestry you received from both parents includes a significant amount of ancestry matching other people of reported Melungeon genetic ancestry. Although this result cannot be translated into a percentage of ancestry, you rank in the top echelon of scores for having a strong match showing Melungeon ancestry. Very strong.

Somewhat Likely On a combined basis, the ancestry you received equally from both parents includes a moderate amount of ancestry matching other people of reported Melungeon ancestry. You rank in the next highest echelon of scores for having Melungeon ancestry. Strong.

Somewhat Unlikely Your combined ancestry does not indicate a high match with people of reported Melungeon ancestry. It may show related Native American, Portuguese, or Turkish matches. Weak.

Unlikely Nothing in your ancestry shows high matches to Melungeon ancestry. Absent.

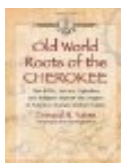
N.L. (Cannot be compared or Non Liquefied) Your DNA profile does not fit within the parameters of the samples of our Melungeon (n=40) and cannot therefore be compared. No result is possible. One or more of the 30 alleles in your STR profile is *not* reported in these population samples, the only ones available. Uncertain.

Amazon Titles of Interest



DNA and You: Blog Posts from the Golden Age of the Human Genome Project ([Print version](#)) ([Kindle](#))

Donald N. Yates and Teresa A. Yates



Old World Roots of the Cherokee: How DNA, Ancient Alphabets and Religion Explain the Origins of America's Largest Indian Nation ([Print version](#)) ([Kindle](#))

Donald N. Yates



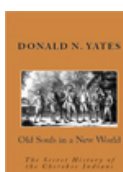
Cherokee DNA Studies: Real People Who Proved the Geneticists Wrong (DNA Consultants Series on Consumer Genetics) (Volume 1) [Print Version](#) ([Kindle](#))

Donald N. Yates and Teresa A. Yates



The Cherokee Origin Narrative: Authentic Text of William Eubanks' "Red Man's Origin" with Notes and Illustrations (Cherokee Chapbooks) (Volume 1) ([Print Version](#)) ([Kindle](#))

Donald N. Yates



Old Souls in a New World: The Secret History of the Cherokee Indians ([Print Version](#)) ([Kindle](#))

Donald N. Yates



Ancestors and Enemies: Essays on Melungeons ([Print Version](#)) ([Kindle](#))

Phyllis E. Starnes and Donald N. Yates

DNA



THIS DOCUMENT CERTIFIES THAT

John Doe

ORDERED A PERSONAL **MELUNGEON DNA TEST** FROM OUR LABORATORIES
YIELDING THE FOLLOWING RELATED RESULT

#88 MELUNGEON (N = 40)

Donald N. Yates

Principal Investigator, DNA Consultants, P.O. Box 2477, Longmont, Colorado 80502



October 11, 2019