John Doe
DNA Fingerprint Report

D4262 – DP11-05333

Genetic systems known as autosomal markers were analyzed at Chromosomal Laboratories. Testing revealed your unique DNA fingerprint or profile. The table below shows you how your personal DNA Fingerprint looks. The numbers reflect your genetic inheritance from all previous generations and can suggest statistical matches for your overall ancestry or mix of lines.

Your Lab Results

Locus	Alleles		Range
D8S1179	10	12	<9 - >17
D21S11	29	31.2	<24.2 - >36
D7S820	12	11	6 - >14
CSFIPO	12	12	<6 – 15
D3S1358	16	15	<12 - >19
THO1	8	9	<5 - >10
D13S317	11	11	<8 - >15
D16S539	13	11	<8 – 15
D2S1338	25	20	15 - 28
D19S433	12	14	9 - 18.2
VWA	19	18	11 - >22
TPOX	8	11	<6 - >13
D18S51	12	18	<11 - >22
D5S818	11	12	<7 - >15
FGA	24	24	<18 - >30

The scores shown in green and yellow above known as CODIS markers were compared with profile frequencies for around 380 populations from around the world stored in our computer program atDNA 2.0. The following populations—though not in strict order of importance—proved to be the leading matches for you on the broadest basis:

Rank	World Population Matches
1	Chinese Hui - Ningxia (n = 100)
2	Hispanic - North Carolina (n = 157)
3	Bangladesh - British Columbia (n = 50)
4	Korean (n = 231)
5	Hispanic - U.S. (n = 210)
6	Japanese (n = 594)
7	Chinese - Beijing (n = 198)
8	Mexican - Hidalgo - Metztitlan (n = 180)
9	Chinese Han - Sichuan Province (n = 100)
10	Hispanic - U.S. (n = 199)
11	Hispanic - Southwestern U.S. (n = 105)
12	Hispanic - Michigan (n = 75)
13	Bavarian (n = 155)
14	India - Tanjore Kallar (n = 101)
15	Japanese - Eastern U.S. (n = 79)
16	Korean - Western U.S. (n = 63)
17	Hispanic - New York (n = 76)
18	Brazilian - Bahia (n = 150)
19	Puerto Rican - Massachusetts (n = 205)
20	Belgian (n = 100)
21	Iraqi - Kurdish (n = 98)
22	Hispanic - Minnesota (n = 191)
23	Chinese - Beijing-Han (n = 201)
24	Hispanic - Connecticut (n = 187)
25	Venezuelan - Maracaibo (n = 203)
26	Southeast Asian (n = 115)
27	Colombian - Boyaca (n = 120)
28	Japanese - Tokyo (n = 650)
29	Chinese Han - Chengdu (n = 128)
30	White - Canadian (n = 83)
31	Brazilian - Amazonian (n = 100)
32	Brazilian - Amazon (n = 100)
33	Belgian - Flanders [Dutch] (n =222)
34	Chinese Han - Northern (n = 2,211)
35	White - Canadian (n = 164)
36	Hispanic - U.S. (n = 140)
37	White - Michigan (n = 80)
38	White - Florida (n = 123)
39	Mexican - Nuevo Leon (n =143)
40	Mexican - Northeastern - Mestizo (n = 143)
41	Hispanic - Florida (n = 100)
42	Spanish - Canary Islands (n = 138)
43	Chinese Han - Shaanxi (n = 203)
44	Romanian - Transylvanian - Szekler (n = 257)
45	India - Nepali (n = 110)
46	White - Florida (n = 117)
47	Chinese Han - Jilin (n = 200)
48	Hispanic - Minnesota (n = 75)
49	Chinese - Chengdu Han (n = 101)
50	India - Northeastern - Bihar - Bhumihar Brahmin (n = 65)

Your matches are also shown on the attached ancestry map. Green stands for locations of strongest probable genetic origins, red likely absence of ancestry, and brown weak or ambiguous contributions of ancestry. The time frame is historical, not pre-historical.

According to recent research in population genetics, genes mirror the geography of Europe. Modern-day European subpopulations correspond roughly to national and linguistic boundaries (Lao et al. 2008). An additional search was made for high Random Match Probabilities in the ENFSI database. This specifically covers European populations, mostly countries in the European Union. While again not necessarily in strict order of importance, your leading matches were:

Rank in Europe	Population
I	Netherlands
II	Scotland/Dundee
III	Ireland
IV	Switzerland
V	Finland
VI	France/Toulouse
VII	England/Wales
VIII	Germany
IX	North Ireland
X	Scotland/Glasgow
XI	Czech Republic
XII	Portugal
XIII	Austria
XIV	Norway
XV	Full Database
XVI	Denmark
XVII	Spain
XVIII	Italy
XIX	Belgium
XX	Estonia

Analysis and Conclusion

Our worldwide and European approaches are combined in the following analysis. Profile frequencies suggest your principal ancestral lines—not necessarily in strict order of importance—are:

> Dutch, Scottish, Irish, Swiss, southern French, English/Welsh, German and Czech (I-XI, 13) with American Indian (map) admixture. There is also probably Spanish/Portuguese (2, 5, 8, 10-12, 17-19) and Belgian (20).

Tribal affiliations cannot always be determined from the Native American matches, as types of Native American DNA are distributed all across the Americas. Hispanic matches

(including Mexican and Brazilian) do not necessarily indicate Latin American ancestry but signal rather your mixture of Iberian or Western European and Native American ancestry. Some of the British, Irish or Scottish matches (or alternatively, some of the Iberian matches) can probably be attributed to deep ancestry, as it is believed that Iberians on the Atlantic Coast such as the Basques and Portuguese were the leading colonizers of the British Isles following the last Ice Age (Oppenheimer).

There appears to be no Sub-Continental Indian, East Asian, Sub-Saharan African or Australoid, any apparent matches being due to accidental convergence or false positives.

Remember: results do not equal percentages. They show only that your profile, on the face of it, is most common in present-day European, Native American and certain other populations. These unique genetic polymorphisms may or may not be reflected in your individual physical appearance. Nonetheless, they can be expected to be associated with certain recognizable family traits.

Donald N. Yates, Ph.D.
Principal Investigator
DNA Consultants
June 1, 2011

References and Suggestions for Further Reading

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

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

Statement on Ethnicity. Allelic population analysis is a science still in the early stages of development. As our understanding of human history and prehistory improves and more specific markers are discovered for distinct populations we can expect the accuracy of prediction of the ethnic constituents in our ancestry to increase. Here are some links to common ancestries mentioned in this report.

> Albanian Arab Ashkenazi Austrian Belgian British Croatian Czech Danish Dutch English Europeans French German Greek Hungarian Irish Italian Jews Middle Eastern Moroccan Norwegian Polish Romani/Gypsy Russian Scottish Sephardic Slovenian South Slavic Spanish/Portuguese Swedish Swiss Tunisian Turkish Welsh

Reliability. While the laboratory methods used to determine your DNA markers are completely accurate and their statistical analysis is reliable, interpretation of the numerical results is subjective. 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.

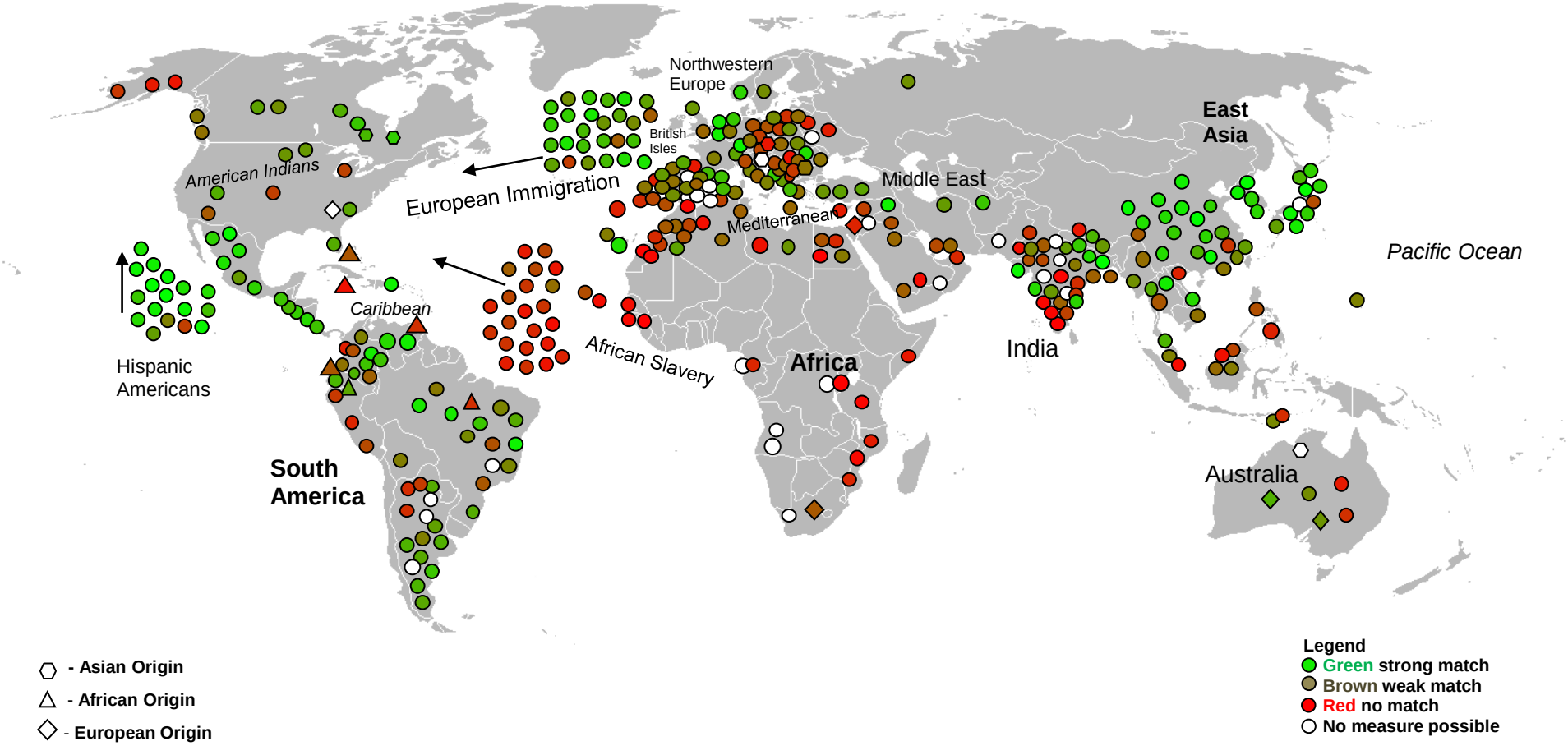
Confidentiality. Your testing, results and this report are 100% confidential.

Have you preserved your DNA? Purchase our economical DNA Archiving Pack and enjoy a new sense of security. It's easy to do and you can store your DNA in a safe place at home.

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 Gypsy/Roma discussions.

Visit our blog for interesting reviews of news and research about genetics and ancestry tracing.

World Ancestry of John Doe



- Asian Origin
- African Origin
- European Origin

Legend
- Green strong match
- Brown weak match
- Red no match
- No measure possible

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THIS DOCUMENT CERTIFIES THAT

John Doe

Ordered a DNA Fingerprint Ancestry Test from Our Laboratories

Yielding the Following Matches

Rank in Europe	Population
I	Netherlands
II	Scotland/Dundee
III	Ireland
IV	Switzerland
V	Finland
VI	France/Toulouse
VII	England/Wales
VIII	Germany
IX	North Ireland
X	Scotland/Glasgow

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8	Mexican - Hidalgo - Metztitlan (n = 180)
9	Chinese Han - Sichuan Province (n = 100)
10	Hispanic - U.S. (n = 199)

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DNA Testing Powered By:

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June 1, 2011