



## Introduction

Thank you for choosing DNA Tribes Personal Genetic Analysis. The results reported below indicate the places your overall blend of ancestry is best represented and where your ancestors left the strongest genetic “footprints.” Your results come in three parts: Genetic Profile, Native Population Match and Global Population Match.

**Part A: Genetic Profile:** Your unique genetic profile includes your allele values for 9 genetic markers distributed throughout your autosomal chromosomes. At each locus, you have two values: one allele inherited from your father and one allele inherited from your mother, for a total of 26 dimensions used to compute your geographic ancestry.

**Part B: Native Population Match:** These results are your Top 20 matches in a database of 338 native populations that have experienced minimal movement and admixture in modern history (roughly, the last 500 years). Individual matches do not necessarily indicate recent social or cultural affiliation with a particular ethnicity. Instead, the geographical distribution of your Native Population Match results indicates your most likely deep ancestral origins.

**Part C: Global Population Match:** These results are your Top 20 matches in a database of 511 global populations, including native peoples as well as Diaspora groups that expanded from their homelands and sometimes admixed with other populations in recent history. The geographical distribution of your Global Population Match results indicates your closest genetic relatives today and peoples whose blend of geographical ancestry is most similar to your own.

**Interpretation of Native and Global Population Match Results:** Native and Global Population Match results can be interpreted in terms of their likelihood (MLI) scores and geographical patterns. Each Native and Global Population Match is listed with a **Match Likelihood Index** (MLI) score that indicates your odds of belonging to that population relative to your odds of belonging to a generic human population according to the following scale. Higher scores indicate your genetic profile is strongly represented in a population, while lower scores indicate marginal representation in a population and likely admixture from other regions.

The **geographical pattern** of your Native and Global Population Match results indicates the geographical distribution of your genetic ancestry. Concentrated or continuous patterns indicate your ancestry is typical of a specific region, which can be large or small. Scattered patterns indicate ancestry in multiple regions and likely sources of admixture.

All matches can be compared against each other as **odds ratios**. For instance, if you obtain a score of 25 for Bavarian and 5 for Macedonian, this means your genetic profile is  $25.0/5.0 = 5.0$  times as likely to be Bavarian as Macedonian.



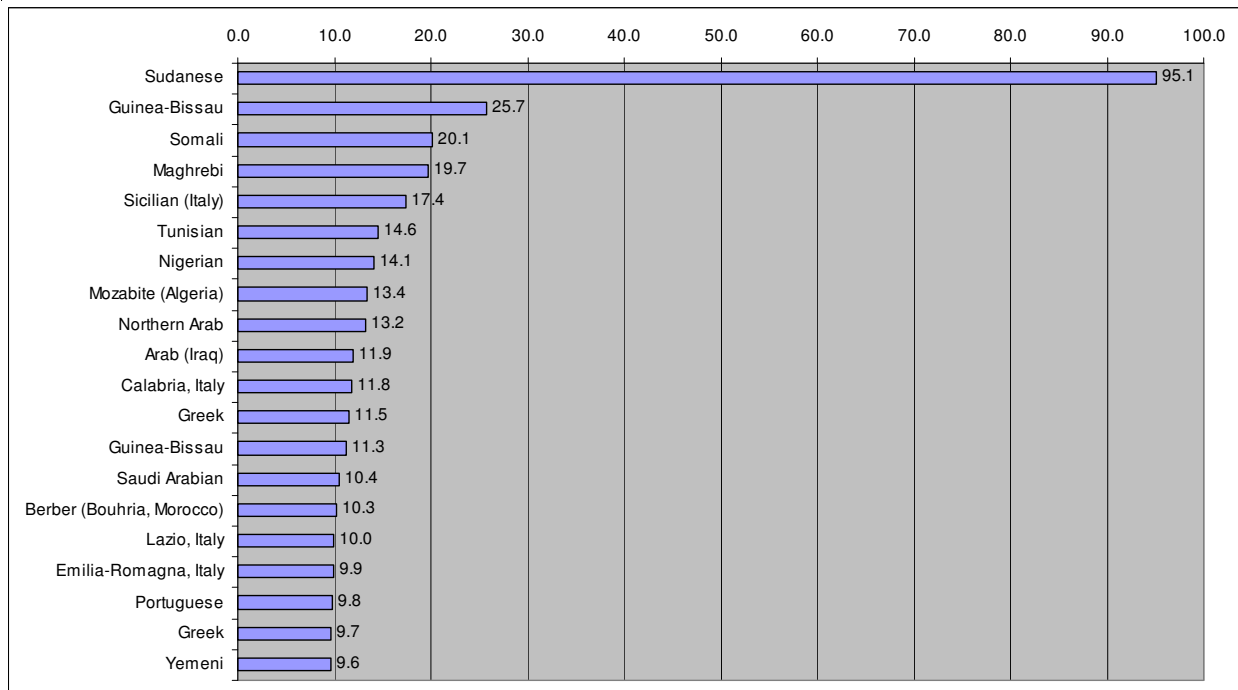
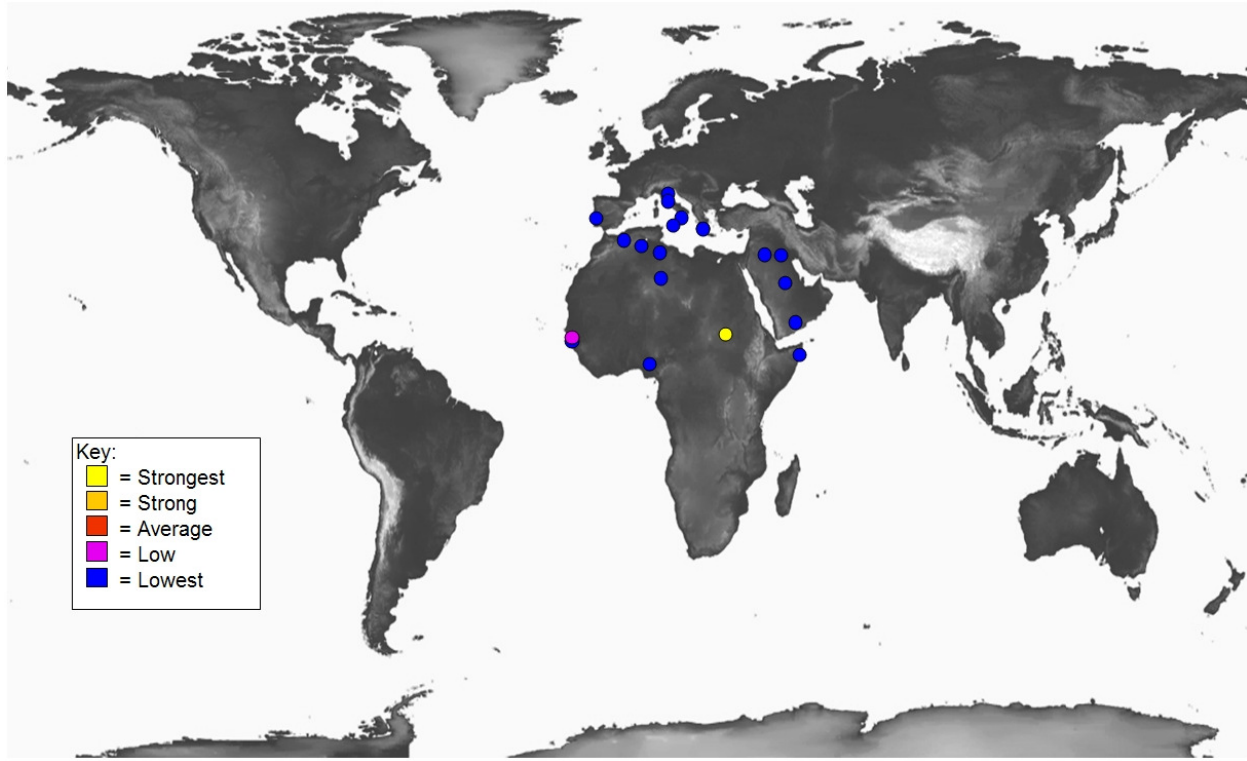
## Part A: Genetic Profile

**CONFIDENTIAL INFORMATION:** Below is your unique genetic profile used to identify your geographical ancestry. Because this profile identifies you personally, DNA Tribes recommends that you treat the genetic profile on this page as strictly confidential information.

### Autosomal STR Profile

	Allele Values	
	Allele 1	Allele 2
Amelogenin	X	X
D3S1358	16	17
D5S818	12	13
D7S820	10	10
D8S1179	13	14
D13S317	12	12
D18S51	12	17
D21S11	29	30
FGA	22	23
vWA	16	16

**Part B: Native Population Match**



**Part C: Global Population Match**

