

ENRIQUE ANCESTRY REPORT

Yours Simulated G25 Explore Your DNA coordinates are :

enrique_martinez:enrique_martinez,0.099026,0.048745,0.053928,0.017442,0.007694,-0.010319,-0.069563,-0.080074,0.01943,0.023326,-0.000974,0.005245,-0.009663,0.001651,0.007329,-0.001193,-0.00352,0.005194,-0.007542,-0.004877,0.000499,-0.00136,0.005053,-0.008435,0.000359

NB : please remember yours reals coordinates are the ones that will provide the most accurate result. To order yours reals coordinates, please use the following link (it is now possible to pay with Paypal). : <https://g25requests.app/>

Your ancient break down is :

TUR_Barcin_N :	44.09 %
BRA_LapaDoSanto_9600BP :	22.10 %
Yamnaya_RUS_Samara :	21.05 %
WHG :	9.04 %
MAR_Taforalt :	3.73 %

Your Neolithic Breakdown Interpretation (by OpenAI) :

Your Neolithic genetic breakdown reflects a fascinating mosaic of ancient ancestries that have contributed to your genetic makeup as a person from Chile. Let's go through each component and interpret what it might mean in the context of your ancestry and broader human history:



- 1. TR TUR_Barcin_N (44.09%) — Anatolian Neolithic Farmers** This component represents early agriculturalists from the region of modern-day Turkey, specifically from the Neolithic site of Barcin. These farmers were among the first to adopt agriculture around 8,000–9,000 years ago and spread farming into Europe. Interpretation: A high percentage here suggests that a significant portion of your ancestry derives from populations related to early European farmers. This ancestry likely entered Latin America via European colonization (mainly Spanish and Portuguese settlers), whose own ancestry includes this Neolithic farmer component.
- 2. BR BRA_LapaDoSanto_9600BP (22.10%) — Ancient Indigenous South American** This sample comes from an ancient hunter-gatherer population in Brazil dated to around 9,600 years ago. It represents a deep Native American lineage. Interpretation: This reflects your Indigenous American ancestry, which is common among people from Chile. It connects you to the original inhabitants of South America who arrived via migrations from Asia through Beringia thousands of years ago.
- 3. RU Yamnaya_RUS_Samara (21.05%) — Steppe Pastoralists** The Yamnaya were Bronze Age pastoralists from the Pontic-Caspian steppe (modern-day Russia and Ukraine) around 5,000 years ago. They are associated with the spread of Indo-European languages in Europe. Interpretation: This ancestry likely entered your genome through European (especially Iberian) ancestors, as the Yamnaya component is a major part of the genetic makeup of modern Europeans.
- 4. WHG (Western Hunter-Gatherers) (9.04%)** This component represents Mesolithic hunter-gatherers who lived in Western Europe before the arrival of Neolithic farmers. Interpretation: This is another layer of European ancestry, inherited through your European forebears. It complements the Anatolian farmer and Yamnaya ancestry in modern Europeans.
- 5. MA MAR_Taforalt (3.73%) — North African Epipaleolithic** Taforalt refers to a population from a cave site in Morocco dating to around 15,000 years ago. This group is associated with North African ancestry and has some ties to both Sub-Saharan and West Eurasian populations. Interpretation: This small percentage could reflect minor North African admixture in your European ancestors, possibly through historical interactions between North Africa and Iberia (e.g., during the Moorish period in Spain).

Overall Interpretation:

Your genetic makeup is a blend of:

- Indigenous South American ancestry (22%) — connecting you to the ancient peoples of the Andes and Amazon.
- European ancestry (around 75%) — primarily from Iberian settlers, carrying a mix of Neolithic farmer, Steppe, and hunter-gatherer ancestries.
- A trace of North African ancestry (3.7%) — likely inherited through historical gene flow into Iberia.

In short: Your Neolithic breakdown tells the story of both ancient migrations within the Americas and the deep ancestry of European settlers who arrived in Chile during and after the colonial period. It reflects the global tapestry of

human history that converged in Latin America over the last 500 years.

If you'd like, I can also help you visualize this or compare it to other regional populations.

All the reports below are based on Euclidian distance, please use the legend below to evaluate if your genetic distance is good. Remember that most ethnic reports are based on "genetic similarity" and not "direct ancestry".



Your modern break down is :

How to interpret ? This report is trying to break your ancestry using modern references, if you are mixed, you may see your different ancestries appearing on this report, else it may show something more ancient.

Fit :	0.010580980811810671
Spanish_Pais_Vasco :	25.91 %
Moroccan_Jew :	17.58 %
Basque_Lower_Navarre :	13.08 %
Karitiana :	10.22 %
Aymara :	8.85 %
Basque_Roncal :	8.29 %
Lithuanian_VZ :	5.37 %
Sardinian :	5.00 %
Berber_Tunisia_Chen :	2.62 %
Surui :	2.40 %

Your modern Breakdown Interpretation (by OpenAI) :

Interpreting your modern ancestry breakdown involves understanding the historical, geographical, and genetic context behind each component. Since you're from Chile, your genetic makeup reflects a mix of Indigenous American, European, and possibly North African and Jewish ancestries, which is quite common in Latin America due to centuries of migration, colonization, and cultural blending. Here's a breakdown of what each component might indicate:



ES European Ancestry (Primarily Iberian and Mediterranean)

1. Spanish_Pais_Vasco (25.91%) - This reflects ancestry from the Basque Country in northern Spain. The Basques are a distinct ethnic group with a unique language (Euskara) and genetic profile. This is a strong indicator of Iberian (Spanish) heritage.
2. Basque_Lower_Navarre (13.08%) & Basque_Roncal (8.29%) - These are also Basque regions, specifically in areas that straddle the French-Spanish border. The high percentage of Basque ancestry suggests a significant portion of your European heritage comes from this unique population.
3. Sardinian (5.00%) - Sardinians are a genetically distinct Mediterranean population from the island of Sardinia (Italy). Their DNA is often used as a reference for early European farmers. This could reflect ancient Mediterranean ancestry.
4. Lithuanian_VZ (5.37%) - This indicates some Eastern European ancestry, possibly from the Baltic region. It could be a trace component or reflect more recent migration, though it's less common in Chilean populations.

MA North African and Jewish Ancestry

5. Moroccan_Jew (17.58%) - This suggests Sephardic Jewish ancestry, likely from Jewish communities that lived in North Africa (especially Morocco) after being expelled from Spain and Portugal in the late 15th century. Many Sephardic Jews later migrated to Latin America.
6. Berber_Tunisia_Chen (2.62%) - This reflects North African Berber ancestry. Berbers are Indigenous peoples of North Africa. This could be tied to the Sephardic Jewish component or to historical interactions between Spain and North Africa.

Indigenous American Ancestry

7. Karitiana (10.22%) - The Karitiana are an Indigenous group from the Amazon region of Brazil. In genetic testing, they are often used as a reference population for Native American ancestry. This likely reflects general Indigenous South American heritage.

8. Aymara (8.85%) - The Aymara are an Indigenous people from the Andes, primarily in Bolivia, Peru, and northern Chile. This is a strong indicator of your Chilean Indigenous roots.

9. Surui (2.40%) - Another Indigenous group from Brazil used as a genetic reference. Like Karitiana, this likely reflects broader Native American ancestry rather than direct descent from this group.

Summary:

Your ancestry reflects a rich blend of:

- Basque and Spanish Iberian roots (strong European component) - Indigenous South American heritage (Aymara and broader Native American) - Sephardic Jewish and possible North African ancestry - A minor Eastern European and Mediterranean influence (Lithuanian, Sardinian)

This mix is consistent with the complex history of Chile and Latin America, where Indigenous populations, Spanish colonizers, Jewish diaspora, and other migratory groups all contributed to modern populations.

If you're interested in exploring this further, consider:

- Looking into your family history or surnames for clues (e.g., Sephardic Jewish surnames) - Learning more about the Basque diaspora in Latin America - Exploring Indigenous heritage in your region of Chile

Let me know if you'd like help interpreting any specific part in more detail!

Your ancient break down is :

How to interpret ? This report is trying to break your ancestry using ancient references.

Fit :	0.010239039616006905
France*(AD*130-1400) :	27.38 %
South*Amerindian*(9000*BC-AD*1500) :	22.37 %
Iberian*(700-50*BC) :	16.87 %
Roman*Italy*(20*BC-AD*600) :	6.68 %
European*Jew*(AD*1160-1400) :	5.39 %
Iberian*(AD*300-1200) :	4.07 %
Roman*Iberia*(AD*260-500) :	4.07 %
Italic*and*Etruscan*(900-200*BC) :	2.90 %
North*African*(AD*580-1160) :	2.68 %
Roman*North*Africa*(AD*120-220) :	2.68 %
Armenian*(AD*1030-1300) :	1.99 %
Armenia*(BC*100-AD*300) :	1.99 %

Your Ancient Breakdown Interpretation (by OpenAI) :

Interpreting your ancient ancestry breakdown involves understanding the historical and cultural contexts of the different populations and time periods listed. Since you're from Chile, your ancestry likely reflects a mix of Indigenous South American roots and various European and Mediterranean influences that arrived during and after the colonial period. Let's go through your results step by step:



CL South Amerindian (9000 BC – AD 1500) – 22.37% This represents your Indigenous American ancestry. These are the native peoples of South America, such as the Mapuche and other groups present in Chile long before European contact. This component reflects deep ancestral ties to the land and cultures of pre-Columbian South America.

FR France (AD 130–1400) – 27.38% This is a significant portion of your ancestry, likely reflecting migration from France to Latin America during or after the colonial period. The time range includes the late Roman period through the Middle Ages. This could also reflect broader Western European ancestry that has been categorized under "France" due to genetic similarities.

ES Iberian (700–50 BC) – 16.87% This refers to ancient populations on the Iberian Peninsula (modern Spain and Portugal) before the Roman conquest. It likely reflects your deep ancestral roots in the region that later colonized much of Latin America, including Chile.

IT Roman Italy (20 BC – AD 600) – 6.68% This represents ancestry from the Roman Empire centered in Italy. It indicates that some of your ancestors came from or were influenced by Roman populations during the height of the empire.

EU European Jew (AD 1160–1400) – 5.39% This suggests ancestry from Jewish communities in Europe during the medieval period. Many Sephardic Jews lived in Spain and Portugal before the expulsions of the late 15th century, and some later migrated to the Americas.

ES Iberian (AD 300–1200) – 4.07% This continues the Iberian theme, representing populations on the Iberian Peninsula during the late Roman and early Medieval periods, possibly including the Visigoths and early Christian kingdoms.

ES Roman Iberia (AD 260–500) – 4.07% This reflects ancestry from the Roman period in what is now Spain and Portugal. It overlaps with your Roman and Iberian components.

IT Italic and Etruscan (900–200 BC) – 2.90% These were pre-Roman civilizations in Italy. This component shows deep Italian ancestry, possibly connected to later Roman or Mediterranean migrations.

MA North African (AD 580–1160) – 2.68% This could reflect ancestry from the Berber or Arab populations of North Africa, possibly introduced to Iberia during the Moorish occupation (711–1492), and then passed on to Latin American descendants.

TN Roman North Africa (AD 120–220) – 2.68% This represents ancestry from the Romanized populations of North Africa, such as those in Carthage (modern Tunisia). Again, this may reflect the Roman Empire's broad reach.

AM Armenian (AD 1030–1300) – 1.99% AM Armenia (100 BC – AD 300) – 1.99% These components suggest a small amount of ancestry from the Armenian region, possibly through ancient trade routes, the Roman Empire, or later migrations. It's a minor but interesting part of your genetic story.

Summary: Your ancestry is a rich mosaic that reflects the complex history of Chile and its connections to Europe and the Mediterranean. Here's how to interpret it in broad strokes:

- About 22% of your ancestry is Indigenous South American. - Roughly 60–65% of your ancestry traces back to various periods and populations of the Iberian Peninsula and Western Europe, especially France and Spain. - You have notable Roman and pre-Roman Mediterranean ancestry, including Italian, North African, and Etruscan roots. - Smaller components reflect Jewish and Armenian heritage, suggesting a diverse and interconnected ancestral past.

This breakdown tells a story of migration, empire, colonization, and cultural blending — all of which are part of Chile's national history and your personal heritage.

If you'd like, I can help you visualize this or explore historical timelines to better understand how these populations may have contributed to your lineage.

Your 50 closests modern populations are :

How to interpret ? if you obtain a good distance with your first population (e.g bright green), you could very likely be from that ethnicity or a close ethnicity, else you are most probably mixed or your ethnicity is not referenced on Davidski datasheet.

Puerto_Rican	0.100042623124468
Turkish_North_Thrace	0.134999032950335
Turkish_West_Thrace	0.136521526530046
Turkish_Rumeli	0.136774475418479
Roma_Barcelona	0.137656239960272
Roma_Spain_Barcelona	0.137656474078144
Turkish_Izmir	0.139477702995855
Turkish_Istanbul_(Anatolian_Turk-Mixed_Balkan_Turk_Profile)	0.139625416712001
Turkish_Northern_Bulgaria	0.139822904112439
Turkish_Deliorman	0.140358986174737

Roma_Serbia	0.142899940300897
Turkish_Balkans_(Anatolian_Turk-Mixed_Profile)	0.142918802310513
Turkish_Antalya_Yoruk	0.143919091134568
Tatar_Mishar	0.144036205538746
Turkish_Lesbos	0.144658676898415
Turkish_Thessaly	0.145083733481738
Tatar_Kazan	0.146004710293881
Tatar	0.146356539813225
Turkish_Sakarya	0.146630026764643
Turkish_Ankara_Manav	0.146712198811142
Sarthe (France)	0.146865490150001
Turkish_Duzce	0.147143815944905
Turkish_Balikesir	0.147323024249436
Turkish_Mugla	0.147340750480077
Turkish_Chitak	0.147426974231312
Turkish_Bolu	0.147598095008983
Spanish_Murcia	0.147766127130002
Turkish_Antalya	0.148151134369602
Turkish_Canakkale_Europe	0.148236366256732
Turkish_Kutahya	0.148304869887169
Turkish_Central_Macedonia	0.148721162260156
Turkish_Aydin	0.14938750451092
Turkish_Eastern_Macedonia	0.149396877227253
Turkish_Kocaeli	0.14945712055302
Ardèche (France)	0.14954707811589
Roma_Madrid	0.149576437843666
Spanish_Murcia_(Murcian)	0.150073112753834
Turkish_Denizli	0.150099966312455
Turkish_North_Macedonia	0.150138696231185
Saône et Loire (France)	0.150290442134555
Turkish_Eskisehir	0.150316754795196
Spanish_Galicia_(Galician)	0.150401826725443
Hérault (France)	0.15044171957273

Charente Maritime (France)	0.150491547805018
Spanish_Galicia	0.150811104518202
Turkish_Usak	0.150965912024867
French_Occitan_Auvergne-Rhone-Alpes_Ardeche	0.151062331888582
Afrikaner	0.151203951800209
Portuguese	0.151279960569799
French_Canadian	0.151385517552078

Closests modern populations (by OpenAI) :

Interpreting your Neolithic breakdown, especially with reference to modern population samples like the ones you've listed, can be a bit complex — but let's walk through it step by step.



What This Breakdown Represents

The list you've shared appears to be the results from a genetic distance calculator — likely from a tool like G25 (Global25) or similar — which compares your autosomal DNA to various modern populations. The numbers (e.g., 0.100042623124468) represent genetic distances: lower numbers mean closer genetic similarity.

This isn't a "Neolithic" breakdown in the strictest sense (i.e., ancient DNA from the Neolithic period), but rather a comparison to modern populations who may retain varying degrees of ancestry from ancient groups, including Neolithic farmers, Steppe pastoralists, and hunter-gatherers.

CL You're from Chile — Why These Results?

As someone from Chile, your ancestry is likely a mix of:

- Indigenous South American (Mapuche, Aymara, Quechua, etc.) - European (mostly Spanish, but possibly other Mediterranean or European groups) - Possibly some African ancestry (due to colonial history)

However, many DNA calculators are limited in their reference populations for Indigenous American groups, so they may "approximate" your ancestry using similar Eurasian populations. This is why you might see a lot of Turkish, Balkan, and Roma (Gypsy) populations in your breakdown.

Interpreting the Populations Listed

Let's break it down:

1. Puerto Rican (0.10) — This is your closest match. Puerto Ricans are typically a mix of European (Spanish), Indigenous (Taíno), and African ancestry. The fact that your closest match is Puerto Rican suggests you may have a similar admixture pattern — possibly a mix of Spanish and Indigenous South American, with a small African component.
2. Turkish and Balkan Populations (0.13–0.15 range) — These are Mediterranean/West Asian populations with complex ancestries, including Neolithic farmers, Steppe influence, and some Middle Eastern components. Your similarity to them may reflect your European (Spanish or Mediterranean) ancestry, especially if your Spanish ancestors came from southern Spain or had Moorish influence.
3. Roma Populations (Roma_Spain, Roma_Serbia, etc.) — The Roma (Gypsies) are a group with South Asian origins who mixed with Middle Eastern and European populations. Your similarity to them may be due to shared components like South European or Middle Eastern ancestry — or simply a reflection of the limitations in modeling Indigenous American ancestry.

4. French, Portuguese, Spanish Regions — These show up as slightly more distant matches, but still relatively close. This is consistent with Spanish colonial ancestry, which is common in Chile.

Why No Strong Native American Result?

Many genetic calculators (especially those using Eurasian reference populations) don't model Indigenous American ancestry well. When they lack strong Native American references, they may "substitute" with populations that share ancient ancestry components (e.g., Neolithic farmers, Siberian-like ancestry, etc.), which may explain the Turkish/Balkan matches.

If you were to use a calculator or tool that includes Indigenous American references (e.g., Mapuche, Quechua, etc.), you would likely see a clearer picture of your Native American ancestry.

What You Can Do Next:

1. Use a calculator that includes Native American references — such as: - GEDmatch (e.g., Eurogenes K13, K36) - G25 with Native American ancient samples - AncestryDNA or 23andMe (if you haven't already tested there)
2. Look at ancient DNA matches — Some tools let you compare your DNA to ancient samples (e.g., Neolithic farmers, Steppe pastoralists, etc.), which can give insight into your deep ancestry.
3. Consider your family history — If you know your ancestry is mostly Chilean, then it's likely a mix of Spanish and Indigenous ancestry, and your results are reflecting that through approximation to Eurasian populations.

Summary:

- Your closest match is Puerto Rican, suggesting a mix of European and Indigenous ancestry. - Turkish, Balkan, and Roma matches likely reflect the Mediterranean/European part of your ancestry. - The lack of direct Native American references may cause these approximations. - Your actual ancestry is likely a mix of Indigenous South American and Iberian (Spanish) ancestry, which is typical for many Chileans.

If you'd like, I can help you interpret your results more precisely if you share your raw data source or the tool you used (e.g., G25, GEDmatch, etc.).

Your 50 closests modern 2-Ways are :

The 2Ways compares your coordinates to the ones of all referenced populations within the modern datasheet of Davidski. It measures how closely your admixture percentages are aligned with each population. It's important to understand that 2Ways aren't measuring shared DNA between your kit and referenced samples.

If you are from one ethnicity you should only concentrate on yours closests populations, else if you are mixed (e.g parents from differents ethnicities), yours closests 2Ways should be close to "50% Parent 1 Ethnicity - 50% Parent 2 Ethnicity". if you are more mixed (for example from latina America), your 2Ways is not going to be accurate.

78% Spanish_Andalucia + 22% Aymara	0.0146536972815042
79% Spanish_Andalucia + 21% Karitiana	0.0147846049655654
78% Spanish_Andalucia + 22% Wichi	0.0149001523863153
79% Spanish_Andalucia + 21% Surui	0.0149082322246606
78% Spanish_Andalucia + 22% Yukpa	0.0149481419457118
77% Spanish_Andalucia + 23% Cachi	0.0150459646318494
75% Spanish_Andalucia + 25% Bolivian_Pando	0.0152278963839573

77% Spanish_Andalucia + 23% Colla	0.0152762441416269
79% Portuguese + 21% Surui	0.0154486817910101
77% Spanish_Andalucia + 23% Bolivian_LaPaz	0.015506144771744
78% Spanish_Andalucia + 22% Piapoco	0.015715916520958
76% Spanish_Andalucia + 24% Quechua	0.0157576792473543
79% Portuguese + 21% Karitiana	0.0159437884931743
76% Portuguese + 24% Bolivian_Pando	0.0161821723804643
76% Spanish_Andalucia + 24% Bolivian_Cochabamba	0.0163159848686787
79% Portuguese + 21% Wichi	0.0163278627878062
78% Portuguese + 22% Yukpa	0.0163820214615849
78% Portuguese + 22% Aymara	0.0163958480706885
77% Portuguese + 23% Cachi	0.0164257356205914
78% Spanish_Galicia + 22% Yukpa	0.0166693219397985
77% Spanish_Castilla_La_Mancha + 23% Cachi	0.0166720247029771
78% Portuguese + 22% Bolivian_LaPaz	0.0166758907127141
76% Portuguese + 24% Bolivian_Cochabamba	0.0167241938487438
77% Spanish_Andalucia + 23% Mayan	0.0168302062929776
77% Spanish_Galicia + 23% Cachi	0.0168567655686312
79% Portuguese + 21% Piapoco	0.0169161086463052
75% Spanish_Castilla_La_Mancha + 25% Bolivian_Pando	0.0169953869710365
79% Spanish_Galicia + 21% Surui	0.017010767346499
78% Portuguese + 22% Colla	0.0170116807888692
78% Spanish_Castilla_La_Mancha + 22% Yukpa	0.0170254750975961
76% Spanish_Galicia + 24% Bolivian_Pando	0.0170400025110938
78% Spanish_Galicia + 22% Aymara	0.0171377569260938
76% Spanish_Menorca + 24% Bolivian_Cochabamba	0.0172239379799046
76% Spanish_Castilla_La_Mancha + 24% Bolivian_Cochabamba	0.0173091492751142
76% Portuguese + 24% Quechua	0.0173258992178086
79% Spanish_Galicia + 21% Karitiana	0.0173829425906246
76% Spanish_Galicia + 24% Bolivian_Cochabamba	0.0173878044837072
77% Spanish_Menorca + 23% Cachi	0.0174814421266198
78% Spanish_Castilla_La_Mancha + 22% Aymara	0.0175012608299449

79% Spanish_Galicia + 21% Wichi	0.0175145927920153
79% Spanish_Castilla_La_Mancha + 21% Surui	0.0175972099959186
77% Spanish_Castilla_La_Mancha + 23% Colla	0.0176057058662462
78% Spanish_Galicia + 22% Bolivian_LaPaz	0.0176630592770897
78% Spanish_Castilla_La_Mancha + 22% Wichi	0.0177044911534024
79% Spanish_Castilla_La_Mancha + 21% Karitiana	0.0177314602485701
76% Spanish_Alacant + 24% Bolivian_Pando	0.0177385328300504
78% Spanish_Castilla_La_Mancha + 22% Piapoco	0.0177420770751552
79% Spanish_Castilla_Y_Leon + 21% Surui	0.0178016916818458
76% Spanish_Castilla_La_Mancha + 24% Quechua	0.0178106383185577
79% Spanish_Galicia + 21% Piapoco	0.0178638052655178
76% Spanish_Galicia + 24% Quechua	0.0178679306082634

Your Closests 2Ways interpretation (by OpenAI) :

It looks like you're interpreting the results of a DNA admixture or ancestry analysis — specifically, a "Closest 2-Way" admixture modeling. This kind of analysis attempts to model your genetic ancestry as a mixture of two populations and then identifies the combinations that best fit your genetic data.



Let's break it down for you, especially since you're from Chile:

What does this data mean?

Each line (e.g., 78% Spanish_Andalucia + 22% Aymara) represents a possible combination of two reference populations that together best approximate your genetic profile. The percentage values (like 78% and 22%) indicate how much of your DNA is modeled as coming from each of those two populations.

The number in parentheses (e.g., 0.0146536972815042) is a statistical fit score. Lower numbers are better — they mean the model fits your DNA more closely.

Example:

- 78% Spanish_Andalucia + 22% Aymara (0.01465)

This means your DNA is most closely modeled as 78% similar to people from Andalucia (southern Spain) and 22% similar to the Aymara (an Indigenous people of the Andes, mostly in Bolivia, Peru, and northern Chile). The low fit score (0.01465) suggests this is a very good match.

What are the top results telling you?

Your top results are consistently:

- ~75–79% Iberian (especially Spanish_Andalucia, Spanish_Galicia, Portuguese) - ~21–25% Indigenous South American (Aymara, Karitiana, Wichi, Colla, Quechua, etc.)

This is very typical for someone from Chile, where most people are mestizo — of mixed European (mainly Spanish) and Indigenous ancestry.

About the Indigenous groups:

- Aymara, Quechua, Colla: Found in the Andes, especially in Bolivia, Peru, and northern Chile/Argentina. - Karitiana, Surui, Wichi, Yukpa, Piapoco: Indigenous groups from the Amazon or Gran Chaco region (Brazil, Venezuela, Paraguay, etc.). - Cachi, Bolivian_Pando, Bolivian_LaPaz, Bolivian_Cochabamba: Regional Indigenous samples from Bolivia.

These reference populations are used because they represent genetic components common in Indigenous South American ancestry. Your DNA is being compared to them to find the best match.

Summary for you (as someone from Chile):

- Your ancestry is modeled as mostly Iberian (Spanish/Portuguese), with a significant Indigenous South American component. - The Indigenous component appears closest to Andean groups like Aymara and Quechua, which makes sense given Chile's geography and history. - The Iberian part is most similar to Southern Spanish populations (Andalucía, Galicia, Castilla-La Mancha), which were major sources of colonizers during the Spanish conquest.

✓ How to interpret this overall:

You are likely of mestizo descent, with your ancestry being roughly: - 75–79% Iberian (Spanish/Portuguese) - 21–25% Indigenous South American (mostly Andean)

This is a very typical result for someone of Chilean background.

If you want to explore further, you could look into regional histories of colonization and Indigenous groups in Chile, especially in the north (Aymara) and central Andes (Quechua/Colla), to better understand your ancestral roots.

Let me know if you'd like help interpreting any specific populations or terms!

Your ancient map :

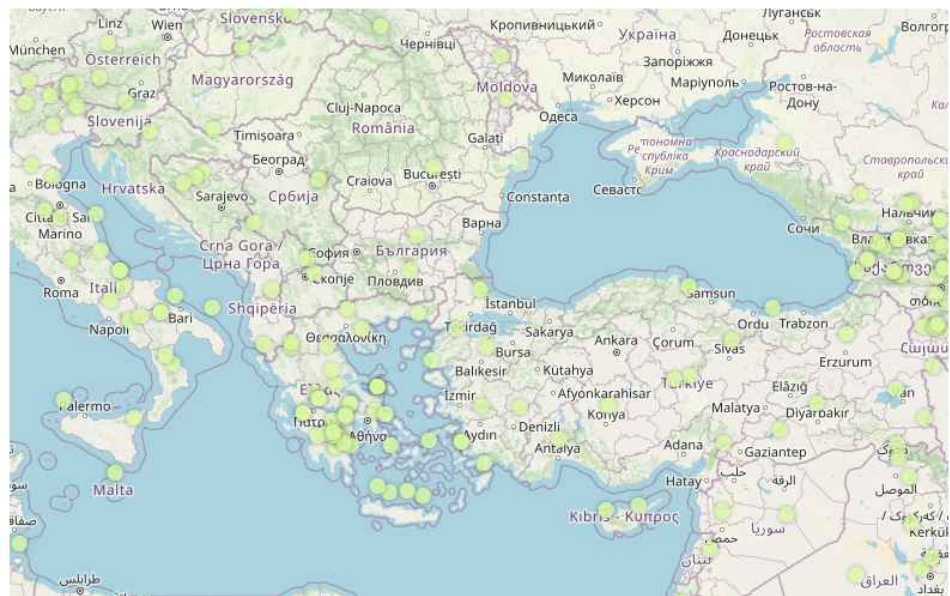
How to interpret ? This map is trying to break your ancient ancestry and display on a map.



Your modern similitud map :

How to interpret ? This similitud Map is based on the modern Davidski G25 sheet + the French averages of the Explore Your DNA Project !. It's only going to be accurate for people that belong to ONE ethnicity, else it's going to show midpoints, which are the populations closest to your genetic composition. This map is a snapshot of you similitud with pre colonial period populations, means for example that people from Latin America are going to show ancestry in both Americas & Europe, same for North Americans, Australians & South Africans...Nomadic tribes and diasporas (Ashkenazis, Romas...) are not going to appear on the map so it's also going to show their ancient ancestry (e.g Ashkenazis are going to appear in both the Levant and Europe).

GREAT	GOOD	AVERAGE	DISTANT	VERY DISTANT
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Conclusion (by OpenAI):

Based on the genetic breakdowns and admixture analysis you've provided, we can draw a comprehensive conclusion about your ancestry:



- 1. Neolithic and Ancient Roots:** Your Neolithic ancestry is predominantly composed of Anatolian Neolithic farmers (TUR_Barcin_N – 44.09%), with significant contributions from ancient South American hunter-gatherers (BRA_LapaDoSanto_9600BP – 22.10%), Yamnaya steppe pastoralists (21.05%), and smaller amounts from Western European hunter-gatherers (WHG – 9.04%) and North African populations (MAR_Taforalt – 3.73%). This reflects a deep ancestral mix of early European farming populations, steppe migrations, and a notable presence of ancient Indigenous American ancestry.
- 2. Modern Genetic Makeup:** Your modern genetic profile shows a strong Iberian (Spanish and Portuguese) influence, particularly from the Basque regions and Spanish Andalusia. Additionally, there is a significant Indigenous South American component, with matches to groups such as the Aymara, Karitiana, and Suruí. The presence of Moroccan Jewish and Berber ancestry suggests some North African admixture, likely from historical interactions between Iberia and North Africa.
- 3. Ancient DNA Matches:** The ancient DNA data aligns with a core Western European (especially French and Iberian) ancestry, with a substantial South Amerindian component. This further supports the idea that your ancestry is a blend of European settlers and Indigenous South American populations, a common pattern in many Latin American countries, especially Chile.

4. Closest Modern Populations: The closest modern population matches include Puerto Ricans and various Turkish populations, particularly from Thrace and Anatolia. This may reflect shared Mediterranean and Near Eastern ancestry components. However, the strongest and most consistent signals come from Spanish populations, especially from southern regions like Andalusia, and Indigenous South American groups such as the Aymara and Karitiana.

5. Admixture Modeling (2-way comparisons): The best-fitting models suggest your ancestry can be approximated as roughly 78–79% Spanish (primarily Andalusian) and 21–22% Indigenous South American (e.g., Aymara, Karitiana, Suruí, Wichi). These models have very low genetic distances (~ 0.014 – 0.018), indicating a very good fit. This supports a typical mestizo profile, common in Chile and much of Latin America, where European colonizers intermarried with local Indigenous populations.

Conclusion: Your genetic ancestry reflects a classic Chilean mestizo heritage, with a predominant Iberian (especially southern Spanish) background, enriched by substantial Indigenous South American ancestry, particularly from Andean and Amazonian-related populations. There is also minor but notable input from North African and Mediterranean sources, likely due to historical migrations and interactions. Your genetic profile tells a story of ancient migrations, colonial history, and the blending of diverse peoples that shaped the modern Chilean population.