

JOSIANNE ANCESTRY REPORT

Yours Simulated G25 Explore Your DNA coordinates are :

josianne_scaled,0.091084,0.146271,-0.024282,-0.063256,0.003991,-0.023421,-0.003025,-0.003186,0.012095,0.016642,
0.005624,-0.003529,0.008282,-0.000492,-0.006262,0.004015,0.000106,-0.00089,-0.000331,0.0004,-0.001451,0.000888,
0.000931,0,-0.000262

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_Tepecik_Ciftlik_N :	41.49 %
Levant_PPNB :	27.11 %
Yamnaya_RUS_Samara :	17.00 %
IRN_Ganj_Dareh_N :	8.84 %
Kura-Araxes_ARM_Kaps :	4.10 %
MAR_Taforalt :	1.33 %
Yoruba :	0.13 %

Your Neolithic Breakdown Interpretation (by OpenAI) :

Your Neolithic ancestry breakdown provides a fascinating glimpse into the deep genetic roots of your ancestry as a Sephardic Jew from Smyrna (modern-day Izmir, Turkey). Here's how to interpret each component in the context of both ancient population movements and your known heritage:



1. TUR_Tepecik_Ciftlik_N (41.49%) This component represents Neolithic farmers from central Anatolia (modern-day Turkey), specifically from the Tepecik-Çiftlik site. A high percentage here is consistent with your geographic origin from Smyrna, as these early Anatolian farmers were among the first to adopt agriculture and contributed significantly to the genetic makeup of populations in the region. This reflects a strong local Anatolian Neolithic heritage.
2. Levant_PPNB (27.11%) This represents Pre-Pottery Neolithic B populations from the Levant (modern-day Israel, Jordan, Syria). These were among the earliest farming communities in the world and are ancestral to many later Near Eastern populations. This component aligns well with your Jewish ancestry, as ancient Israelites and other Levantine populations would have descended from these groups. It also reflects the broader Near Eastern roots of Jewish populations.
3. Yamnaya_RUS_Samara (17.00%) The Yamnaya were Bronze Age pastoralists from the Pontic-Caspian steppe (modern-day Russia and Ukraine). They are associated with the spread of Indo-European languages and brought a distinct genetic signature into Europe and parts of the Near East. This component may reflect later migrations into Anatolia or the Balkans and is commonly found in many European and Near Eastern populations today.
4. IRN_Ganj_Dareh_N (8.84%) This represents Neolithic farmers from the Zagros Mountains region of western Iran. These people were among the earliest adopters of agriculture in the region and contributed genetically to populations across the Near East. This component suggests deeper Near Eastern ancestry, possibly tied to the ancient Persian or Mesopotamian world, which is consistent with Jewish diasporic history in those regions.
5. Kura-Araxes_ARM_Kaps (4.10%) This component comes from the Kura-Araxes culture, an early Bronze Age culture from the South Caucasus (modern Armenia and surrounding areas). It reflects influence from the Caucasus and eastern Anatolia. This may represent gene flow from the Caucasus into Anatolia and the Levant during the Bronze Age.
6. MAR_Taforalt (1.33%) This refers to ancient North African hunter-gatherers from Taforalt, Morocco, dated to the Epipaleolithic period (~15,000 years ago). A small percentage here could reflect ancient North African gene flow into the Levant or Iberia, both of which are relevant to Sephardic Jewish history, especially during the time of the Jewish presence in Spain and North Africa.
7. Yoruba (0.13%) This is a very small amount of Sub-Saharan African ancestry, likely statistical noise or possibly reflecting ancient or historical admixture. Sephardic Jews, especially those who lived in North Africa or Iberia, may carry trace amounts of Sub-Saharan ancestry due to trade and migration across the Mediterranean and Sahara.

Summary: Your genetic breakdown reflects a primarily Anatolian and Near Eastern Neolithic ancestry, with significant contributions from early farming populations of Anatolia and the Levant. This is entirely consistent with your identity as a

Sephardic Jew from Smyrna, a region that has long been a crossroads of civilizations. The presence of steppe (Yamnaya) and Iranian ancestry reflects broader Bronze Age movements, while the minor North African and Sub-Saharan elements may connect to the Sephardic diaspora's time in Iberia and North Africa.

This ancient genetic profile complements your historical and cultural identity, showing how deeply rooted your ancestry is in the lands surrounding the eastern Mediterranean.

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 :	0.0005752593122818773
Greek_Apulia :	19.00 %
Moroccan_Jew :	13.91 %
Sudan_Arab_Rashaayda :	9.80 %
Samaritan :	8.70 %
Belmonte_Jew :	6.82 %
Palestinian_Beit_Sahour :	5.64 %
Cypriot :	5.27 %
Lebanese_Christian :	5.14 %
Greek_Dodecanese_Rhodes :	3.92 %
Sardinian :	3.70 %
Rumelia_East :	3.63 %
Greek_Cyclades_Amorgos :	3.54 %
Armenian_Aintab :	2.18 %
Italian_Calabria :	2.08 %
Armenian_Parspatunik :	1.73 %
Greek_Cyclades_Milos :	1.66 %
Nash_Didan_Jew_Urmia :	1.24 %

Your modern Breakdown Interpretation (by OpenAI) :

As a Sephardic Jew from Smyrna (modern-day İzmir, Turkey), your modern DNA breakdown reflects the complex and rich tapestry of your ancestral history. Let's interpret your results in the context of your heritage:



General Background: Sephardic Jews are descendants of the Jewish communities that lived in the Iberian Peninsula (Spain and Portugal) until their expulsion in the late 15th century. Many resettled in the Ottoman Empire, including cities like Smyrna, where they mixed with local Romaniote Jews and other Jewish communities from the eastern Mediterranean and the Middle East.

Your DNA results show a blend of Mediterranean, Levantine, and Middle Eastern ancestries, which is typical for Sephardic Jews, especially those who settled in Anatolia and the Balkans.

Breakdown Interpretation:

- 1. Greek_Apulia (19.00%)** This reflects deep Mediterranean roots, possibly tied to ancient Greek populations in southern Italy and the broader Greco-Roman world. It may also capture some of the genetic similarity between Southern Italians and Jews from the eastern Mediterranean.
- 2. Moroccan_Jew (13.91%)** This is a strong Sephardic Jewish signal. After the expulsion, many Jews went to North

Africa, and Moroccan Jews often share Iberian Sephardic ancestry. This component likely reflects your Iberian Jewish roots.

3. Sudan_Arab_Rashaayda (9.80%) This might seem surprising, but it could reflect ancient Middle Eastern or Arabian ancestry. It may also be a proxy for broader Near Eastern or North African gene flow that is common in Jewish populations from the eastern Mediterranean.

4. Samaritan (8.70%) Samaritans are an ancient Levantine people closely related to Jews. This component suggests ancient Levantine ancestry, consistent with Jewish origins in the Land of Israel.

5. Belmonte_Jew (6.82%) Belmonte Jews are a small Sephardic Jewish community in Portugal. This is another strong indicator of Iberian Jewish ancestry.

6. Palestinian_Beit_Sahour (5.64%), Lebanese_Christian (5.14%), Cypriot (5.27%) These groups reflect Eastern Mediterranean and Levantine ancestry, which aligns with historical Jewish presence in these regions and admixture with local populations over centuries.

7. Greek_Dodecanese_Rhodes (3.92%), Greek_Cyclades_Amorgos (3.54%), Greek_Cyclades_Milos (1.66%) These components point to Aegean Greek ancestry, which could reflect intermarriage with Romaniote Jews or local Greek populations in the Ottoman period.

8. Sardinian (3.70%) Sardinians are often used as a genetic proxy for early European farmers. This may reflect ancient Mediterranean ancestry common among Jews and non-Jews alike.

9. Rumelia_East (3.63%) Rumelia refers to the Balkan territories of the Ottoman Empire. This could reflect Balkan Jewish ancestry or broader Ottoman-era admixture.

10. Armenian_Aintab (2.18%), Armenian_Parspatunik (1.73%) These show some minor Caucasus or Anatolian influence, which is not uncommon in Jews from Anatolia and surrounding regions.

11. Italian_Calabria (2.08%) Southern Italian ancestry again ties into the broader Mediterranean Jewish diaspora and possibly ancient Jewish communities in Italy.

12. Nash_Didan_Jew_Urmia (1.24%) This is a Jewish community from northwestern Iran. A small percentage here may reflect the shared Middle Eastern Jewish gene pool.

Summary: Your DNA reflects a classic Sephardic Jewish profile with:

- Strong Iberian Jewish ancestry (Belmonte, Moroccan Jew) - Eastern Mediterranean and Levantine roots (Samaritan, Cypriot, Palestinian, Lebanese) - Aegean and Anatolian influence, likely from Romaniote Jews and local populations in Smyrna and the Ottoman Empire - Minor Middle Eastern and Caucasus admixture, reflecting the diversity of Jewish communities in the region

Overall, your results are consistent with a Sephardic Jewish identity rooted in Iberia, shaped by migration through the Ottoman Empire, and enriched by centuries of interaction with surrounding Mediterranean and Middle Eastern populations.

If you have more questions or want to explore a specific component, feel free to ask!

Your ancient break down is :

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

Fit :	2.3304259687873785e-06
European*Jew*(AD*1160-1400) :	16.05 %
Byzantine*Anatolia*(AD*500-1100) :	11.85 %
Arabian*Peninsula :	11.48 %
Roman*Anatolia*(100*BC-AD*700) :	10.47 %
Roman*Levant*(BC*50-AD*700) :	9.22 %
Roman*Illyria*(AD*100-600) :	8.69 %
Italian*(AD*650-1450) :	5.71 %
Levantine*(AD*300-1300) :	2.85 %
Roman*Italy*(20*BC-AD*600) :	2.71 %
Sicani*(900-400*BC) :	2.39 %
Phoenician*(1000-330*BC) :	2.23 %
Balkans*(AD*500-1000) :	1.94 %
North*African*(AD*580-1160) :	1.14 %
Roman*North*Africa*(AD*120-220) :	1.14 %

Your Ancient Breakdown Interpretation (by OpenAI) :

As a Sephardic Jew from Smyrna (modern-day İzmir, Turkey), your ancient genetic breakdown is a fascinating mosaic that reflects the complex history of Jewish communities in the Mediterranean and Near East. Let's interpret your results in the context of your Sephardic heritage and the broader historical movements that shaped the region.



1. European Jew (AD 1160–1400) – 16.05% This component likely reflects your direct Sephardic Jewish ancestry. During this period, many Jewish communities flourished in medieval Spain, southern France, and parts of Italy. The expulsion of Jews from Spain in 1492 and Portugal in 1497 led to the migration of Sephardic Jews across the Ottoman Empire, including to Smyrna. This percentage anchors your identity firmly in the Sephardic Jewish diaspora.
2. Byzantine Anatolia (AD 500–1100) – 11.85% This reflects deep ancestral roots in Anatolia during the Byzantine period, before the full Islamization and Turkification of the region. Jewish communities thrived in Byzantine cities, and intermarriage or integration with local populations may contribute to this component.
3. Arabian Peninsula – 11.48% This may represent ancient Semitic ancestry, possibly linked to early Jewish populations originating in the Arabian Peninsula or mixing with Arab populations during Islamic expansion. It could also reflect historical trade and migration networks that connected Jewish communities across the Middle East.
4. Roman Anatolia (100 BC–AD 700) – 10.47% This suggests ancestry from the Romanized populations of Anatolia, which included many Jewish communities, especially after the Roman conquest. Jews were present in Asia Minor (Anatolia) from the Hellenistic era onward.
5. Roman Levant (50 BC–AD 700) – 9.22% This likely represents ancient Jewish ancestry from the Land of Israel (Judea, Galilee, etc.) during the Roman period. Many Jews were dispersed from the Levant following the Roman-Jewish wars (66–135 AD), leading to the formation of diaspora communities.

6. Roman Illyria (AD 100–600) – 8.69% This may reflect Balkan ancestry from Roman times, possibly due to Jewish settlements in the Balkans or intermarriage with local populations during the Roman and Byzantine periods.
7. Italian (AD 650–1450) – 5.71% This could represent ancestry from Italian Jewish communities or from broader Mediterranean mixing. Italian Jews (including Romaniotes and later Sephardim) have long histories, and many Sephardic Jews passed through Italy during their migrations.
8. Levantine (AD 300–1300) – 2.85% This overlaps with your Roman Levantine component but may reflect later periods of Middle Eastern ancestry, including from Jewish communities that remained in the Levant under Byzantine and early Islamic rule.
9. Roman Italy (20 BC–AD 600) – 2.71% This suggests ancestry from Roman Italy, possibly linked to early Jewish communities in Rome and southern Italy, which were among the oldest in Europe.
10. Sicani (900–400 BC) – 2.39% This is a very ancient component from indigenous Sicilian populations before Greek and Roman colonization. It could reflect deep Mediterranean roots, possibly through admixture with Sicilian Jews or broader Mediterranean ancestry.
11. Phoenician (1000–330 BC) – 2.23% The Phoenicians were a Semitic people from the Levant (modern Lebanon and parts of Syria/Israel), closely related to ancient Israelites. This component reflects shared ancestry between ancient Jews and Phoenicians.
12. Balkans (AD 500–1000) – 1.94% This may reflect interactions with Balkan populations during the Byzantine period or later Ottoman era, when Sephardic Jews settled in Balkan cities like Salonika and Sarajevo.
13. North African (AD 580–1160) – 1.14% Many Sephardic Jews settled in North Africa (Morocco, Tunisia, Algeria) after the expulsions from Iberia. This component could reflect North African Jewish ancestry or interaction with local populations.
14. Roman North Africa (AD 120–220) – 1.14% This suggests ancestry from Romanized North African populations, which included vibrant Jewish communities, especially in Carthage and other urban centers.

Summary: Your ancient DNA reflects a rich tapestry of Jewish and Mediterranean ancestry. The largest components — European Jew, Anatolian (Byzantine and Roman), and Levantine — point to a core identity rooted in the Jewish diaspora of the Eastern Mediterranean. The presence of Arabian, Phoenician, and Roman elements highlights the deep Semitic and classical roots of your lineage, while the Italian, Balkan, and North African components reflect the wide-ranging migrations and interactions of Sephardic Jews over centuries.

As a Sephardic Jew from Smyrna, your ancestry tells the story of a people who maintained a distinct identity while adapting to the many cultural and historical currents of the Mediterranean world.

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.

Romaniote_Jew	0.0115636019474902
Romaniote_(Yevanic_Jew)	0.0115636338125334
Turkish_Jew	0.0149713141707734
Sephardic_Jew_Turkey	0.0154207120559987

Italki_(Italian_Jew)	0.0167946397297981
Italian_Jew	0.0169649681402589
Sabbatean_(Donme)	0.0187583373596916
Ashkenazi_France	0.0209124799342402
Ashkenazi_Jew_France	0.0209125041466977
Algerian_Jew	0.0219758865577705
Ashkenazi_Jew_Germany	0.0220842976039538
Ashkenazi_Germany	0.0220844573399484
Sephardic_Jew_Bulgaria	0.0253502641061193
Bulgarian_Jew	0.0253503937050295
Syrian_Jew	0.0253700122191535
Greek_Cyprus	0.0263250379774968
Cypriot	0.026618950899688
Tunisian_Jew	0.027690382283385
Italian_Calabria_Reggio_Calabria_(Calabrese)	0.0282425373126
Turkish_Cyprus	0.0289992266903792
Ashkenazi_Jew_Austria	0.0294011463849626
Ashkenazi_Austria	0.0294014740616861
Greek_Dodecanese_Rhodes	0.0301287465056215
Moroccan_Jew	0.0303484642115544
Greek_Dodecanese	0.030905060168199
Ashkenazi_Latvia	0.0312567840316307
Ashkenazi_Jew_Latvia	0.0312569260804706
Libyan_Jew	0.0315993429362068
Italian_Calabria_(Calabrese)	0.0321080376687443
Greek_Dodecanese_Kos	0.0332791024390536
Greek_Kos	0.0332793358557529
Ashkenazi_Poland	0.0338727038926626
Ashkenazi_Jew_Poland	0.03403983129137
Italian_Calabria	0.0347118898938102
Maltese	0.0351418894483492
Ashkenazi_Jew	0.0357079394332664
Ashkenazi_Jew_Lithuania	0.0358699138065977

Ashkenazi_Lithuania	0.0358702958867083
Moroccan_Jew_(Toshav-Shifted)	0.0358710132279533
Greek_Crete	0.0367787220142299
Druze_Israel	0.0370464126624596
Lebanese_Christian	0.0370533145346
Druze	0.0371184697960463
Ashkenazi_Jew_Belarus	0.0372291933321965
Ashkenazi_Belarusia	0.0372628474086455
Turkish_Crete	0.037403351667999
Greek_Crete_Muslim_(Cretan_Turk)	0.0374037374030992
Ashkenazi_Romania	0.0377551782673582
Ashkenazi_Jew_Romania	0.0377552141200391
Alawite_Turkey	0.0378991894763433

Closests modern populations (by OpenAI) :

Thank you for sharing your background and genetic breakdown. As a Sephardic Jew from Smyrna (modern-day Izmir, Turkey), your ancestry is deeply rooted in the Eastern Mediterranean, with a rich historical and cultural heritage. Let's break down and interpret your genetic results, especially focusing on how your Neolithic and broader ancestry might be represented through these populations.



Understanding the Format:

The list you've provided appears to be a genetic similarity or admixture breakdown, possibly from a tool like G25 or other deep ancestry calculators. The numbers next to each population (e.g., 0.0115, 0.0378) likely represent genetic distances — the lower the number, the closer your DNA is to that reference population.

Key Observations:

- Closest Matches:** - Romaniote_Jew & Romaniote_(Yevanic_Jew): ~0.0115 - Turkish_Jew & Sephardic_Jew_Turkey: ~0.015 - Italki (Italian Jews): ~0.0168 These are your closest matches, indicating a strong affinity with Jewish populations from the Eastern Mediterranean (Greece, Turkey, and Italy). Romaniote Jews are among the oldest Jewish communities in Europe, indigenous to Greece, and this suggests your ancestry may include ancient regional Jewish roots, not only post-1492 Sephardic arrivals.
- Broader Sephardic Component:** - Algerian, Tunisian, Moroccan, Libyan Jews: ~0.02–0.03 - Sephardic_Jew_Bulgaria, Bulgarian_Jew: ~0.025 These results reflect the widespread Sephardic diaspora after the 1492 expulsion from Spain. Many Jews expelled from Iberia settled across the Ottoman Empire, including North Africa, the Balkans, and Anatolia. Your affinity with these groups supports a classic Sephardic heritage.
- Ashkenazi Connections:** - Ashkenazi populations from France, Germany, Austria, Poland, Lithuania, etc.: ~0.02–0.037 This suggests some Ashkenazi admixture, possibly through intermarriage over generations or shared ancient Levantine ancestry. It's not uncommon for Sephardic Jews to show some Ashkenazi overlap, especially in cosmopolitan cities like Smyrna.
- Greek and Cypriot Affinity:** - Greek_Dodecanese, Greek_Crete, Cyprus: ~0.026–0.037 These results reflect your geographic proximity to these regions. Jews in Smyrna often interacted and intermarried with other Eastern Mediterranean populations. The Dodecanese islands (e.g., Rhodes, Kos) had significant Jewish communities.

5. Anatolian & Levantine Influence: - Turkish_Crete, Alawite_Turkey, Druze, Lebanese_Christian: ~0.037 These results reflect ancient Anatolian and Levantine components, possibly dating back to Neolithic or Bronze Age populations in the region. This could be part of your deeper genetic heritage.

Neolithic Interpretation:

The Neolithic period refers to the time when agriculture first developed (~10,000 years ago), and populations began to settle. In genetic terms, Neolithic ancestry in the Eastern Mediterranean typically includes components from:

- Anatolian Farmers (from modern-day Turkey) - Levantine Neolithic populations (from Israel, Lebanon, Syria) - Early European Farmers (who spread into Europe from Anatolia)

Your genetic closeness to Greek, Cypriot, and Anatolian populations suggests a strong Neolithic Anatolian component — consistent with Jews from the Aegean and western Anatolia. This is typical for Eastern Mediterranean Jews, who often retain genetic signals from ancient populations of the region.

Summary of Your Genetic Story:

- You are genetically closest to Romaniote and Turkish Sephardic Jews, confirming your Smyrniote Jewish heritage. - You carry strong Eastern Mediterranean ancestry, with deep roots in Anatolia, Greece, and the Levant. - Your genetic profile reflects both the ancient Jewish presence in the region (Romaniote) and the post-1492 Sephardic diaspora. - You show minor but notable connections to Ashkenazi and North African Jewish groups, indicating a shared ancient Levantine origin and possible later admixture. - Your Neolithic ancestry likely includes Anatolian and Levantine components, typical of populations in the Aegean basin.

Cultural Context:

Smyrna was a major hub for Sephardic Jews after the 16th century, but also had Romaniote and other local Jewish communities. Your genetic results beautifully reflect that rich, layered history.

If you want a more detailed breakdown of your Neolithic ancestry (e.g., percentages of Anatolian Farmer, Levantine Neolithic, etc.), that would typically come from ancient DNA modeling tools like qpAdm or G25 modeling using ancient samples.

Let me know if you'd like help exploring that next step!

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.

72% Ashkenazi_Germany + 28% Samaritan	0.00686858828067297
64% Ashkenazi_Germany + 36% Lebanese_Christian	0.00892742158157473
51% Maltese + 49% Lebanese_Christian	0.00912895153204474
72% Italian_Jew + 28% Lebanese_Christian	0.00913319656965413
73% Italian_Campania + 27% Yemenite_Amran	0.0091560870201348

87% Italian_Jew + 13% EmiratiB	0.00926611324999467
89% Italian_Jew + 11% EmiratiA	0.00939011960313136
95% Romaniote_Jew + 5% EmiratiA	0.00941713128496579
76% Italian_Jew + 24% Palestinian_Beit_Sahour	0.00946808658661463
94% Romaniote_Jew + 6% SaudiA	0.00955517791910381
95% Romaniote_Jew + 5% BedouinB	0.00959401704546839
74% Lebanese_Christian + 26% Spanish_Murcia	0.00959467393891825
85% Ashkenazi_Germany + 15% Yemenite_Jew	0.00964528821229628
95% Romaniote_Jew + 5% Saudi	0.00964564860544689
74% Lebanese_Christian + 26% Portuguese	0.00977072992935016
85% Ashkenazi_Germany + 15% Yemenite_Ma'rib	0.00978935030185973
95% Romaniote_Jew + 5% Yemenite_Al_Jawf	0.00980006987673795
95% Romaniote_Jew + 5% Yemenite_Al_Bayda	0.00982017647355675
96% Romaniote_Jew + 4% Yemenite_Mahra	0.00982922887030189
75% Italian_Campania + 25% Yemenite_Dhamar	0.00984111737879646
75% Lebanese_Christian + 25% Spanish_Castilla_Y_Leon	0.00984291624820747
88% Italian_Jew + 12% SaudiA	0.00991873426861211
95% Romaniote_Jew + 5% Yemenite_Ma'rib	0.00994082842764073
94% Romaniote_Jew + 6% Yemenite_Amran	0.00995111452060652
95% Romaniote_Jew + 5% Yemenite_Jew	0.00998584480737443
94% Romaniote_Jew + 6% EmiratiB	0.010003913334598
75% Lebanese_Christian + 25% Spanish_Galicia	0.0100056861282685
72% Lebanese_Christian + 28% Spanish_Canarias	0.0100122521500344
95% Romaniote_Jew + 5% SaudiB	0.0100653209811284
95% Romaniote_Jew + 5% Yemenite_Dhamar	0.0101192449950803
88% Italian_Jew + 12% Yemenite_Amran	0.0101992533380275
90% Italian_Jew + 10% Saudi	0.0102315912127176
73% Italian_Jew + 27% Lebanese_Druze	0.0102319617086878
84% Ashkenazi_Germany + 16% Yemenite_Amran	0.0102322977749172
76% Italian_Campania + 24% Yemenite_Ma'rib	0.0102421248834284
61% Maltese + 39% Samaritan	0.01027201982972
75% Lebanese_Christian + 25% Spanish_Andalucia	0.0102899937688958
74% Lebanese_Christian + 26% Spanish_Extremadura	0.0103287722916516

90% Italian_Jew + 10% BedouinB	0.0103313150660418
97% Romaniote_Jew + 3% Tunisian_Rbaya	0.0103392105689523
85% Ashkenazi_Germany + 15% Yemenite_Dhamar	0.0103506998239022
80% Italian_Jew + 20% Samaritan	0.0104510545566895
90% Italian_Jew + 10% Yemenite_Jew	0.0104638067535097
74% Italian_Jew + 26% Lebanese_Muslim	0.0104944527572887
86% Ashkenazi_Germany + 14% Yemenite_AI_Jawf	0.0105887679467426
87% Ashkenazi_Germany + 13% Saudi	0.0106414157970821
70% Ashkenazi_Germany + 30% Palestinian_Beit_Sahour	0.010647488901096
73% Italian_Jew + 27% Druze	0.0106583477646542
56% Lebanese_Christian + 44% Sicilian_West	0.0106635388690985
93% Romaniote_Jew + 7% Palestinian	0.0107013628291411
84% Ashkenazi_Germany + 16% SaudiA	0.0107413857616542

Your Closests 2Ways interpretation (by OpenAI) :

Your results appear to be from a genetic ancestry analysis using a tool like G25 or another similar admixture modeling platform. The section labeled "Closest 2-Ways" is attempting to model your DNA as a combination of two reference populations, trying to find the best fit (or closest approximation) to your genetic profile using only two groups at a time.



Let's break down what this means and how to interpret it, especially as a Sephardic Jew from Smyrna (modern-day Izmir, Turkey):

What is "Closest 2-Ways"?

- Each line shows a potential combination of two populations (e.g., 72% Ashkenazi_Germany + 28% Samaritan) that together best approximate your genetic data. - The number in parentheses at the end (e.g., 0.0068) is a statistical "distance" – the lower the number, the better the match. Generally, values below 0.010 are considered very good matches.

How to interpret this for your background:

As a Sephardic Jew from Smyrna, you likely have ancestry from Jews who lived in the Ottoman Empire after being expelled from Spain and Portugal in the late 15th century. Many settled in places like Smyrna (Izmir), Salonika, and other parts of the Balkans and Anatolia. Your ancestry may also include admixture from local populations such as Greek, Turkish, or Levantine people.

Let's look at your top matches:

1. **72% Ashkenazi_Germany + 28% Samaritan (dist = 0.0068)** - This suggests your DNA has similarities to Central/Eastern European Jews and ancient Levantine populations. - This may reflect shared Jewish ancestry and some Levantine (Middle Eastern) roots.

2. **64% Ashkenazi_Germany + 36% Lebanese_Christian (dist = 0.0089)** - Again, a mix of Ashkenazi Jewish and Levantine Christian (Middle Eastern) ancestry. - Lebanese Christians are often used in these models as proxies for ancient Levantine populations.

3. **72% Italian_Jew + 28% Lebanese_Christian (dist = 0.0091)** - More relevant to your Sephardic background. Italian Jews (especially southern Italian Jews) share ancestry with Sephardic and Romaniote Jews. - This may reflect your Mediterranean Jewish roots with some local Levantine input.

4. **95% Romaniote_Jew + 5% Yemenite_Jew (dist = 0.0099)** - Romaniote Jews are Greek Jews with ancient roots in the Eastern Mediterranean. - This match is geographically and historically close to Smyrna and supports your Eastern Mediterranean Jewish ancestry.

5. **88% Italian_Jew + 12% SaudiA (dist = 0.0099)** - This may reflect a Mediterranean Jewish base with a small amount of Arabian Peninsula ancestry, possibly representing ancient Jewish diaspora movements.

Summary for a Sephardic Jew from Smyrna:

- Your results suggest a strong Eastern Mediterranean Jewish profile, with close matches to Italian Jews, Romaniote Jews, and some Ashkenazi components. - The presence of Lebanese_Christian, Samaritan, and other Levantine populations in your matches points to shared ancient Middle Eastern ancestry typical of Jewish populations. - The small percentages of Arabian or Yemenite components may reflect ancient Jewish ties to the southern Levant and Arabian Peninsula, but these are minor.

✓ Your ancestry seems consistent with someone of Sephardic Jewish descent from Smyrna, showing Mediterranean Jewish roots with some shared Middle Eastern heritage.

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

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
-------	------	---------	---------	--------------



Conclusion (by OpenAI):

Based on your genetic breakdown and the provided data, we can draw the following conclusion about your ancestry and historical background as a Sephardic Jew from Smyrna (modern-day Izmir, Turkey):



Genetic Overview:

1. Neolithic Ancestry: - Your deep ancestry is predominantly rooted in ancient Anatolia and the Levant, with a significant contribution from: - Anatolian Neolithic (TUR_Tepecik_Ciftlik_N – 41.5%) - Pre-Pottery Neolithic Levant (Levant_PPNB – 27.1%) - Steppe ancestry (Yamnaya – 17%) - Iranian Neolithic (IRN_Ganj_Dareh_N – 8.8%) - Caucasus (Kura-Araxes – 4.1%) - Minor North African (Taforalt – 1.3%) and Sub-Saharan (Yoruba – 0.1%) signals

This suggests your ancient roots lie in the early farming populations of the Fertile Crescent, Anatolia, and the surrounding regions, which aligns with the known origins of early Semitic and Anatolian peoples.

2. Ancient Ancestry: - You show strong genetic affinity to historical Jewish populations in Europe (European Jews 16.1%), and to populations from Byzantine and Roman Anatolia and the Levant. - Other significant ancient components include Roman Italy, Phoenician, and Arabian Peninsula ancestries.

This indicates that your lineage traces back to Jewish communities that lived in the Eastern Mediterranean, particularly during the Roman and Byzantine periods, and may have interacted with local Anatolian and Levantine populations.

3. Modern Populations: - Your closest modern matches are to Romaniote Jews, Turkish Jews, and Sephardic Jews of

Turkey and the Balkans, followed by Italian and North African Jews. - You also show notable similarity to Cypriots, Greeks (especially from Rhodes and the Dodecanese), Lebanese Christians, and Palestinians.

This reflects the historical migrations and integration of Jewish communities in the Eastern Mediterranean, particularly the Aegean and Anatolian regions. Your genetic profile shows continuity with long-established Jewish communities of the Ottoman Empire and earlier Byzantine periods.

4. 2-Way Population Models: - The best-fitting models suggest a blend of Romaniote or Italian Jewish ancestry with minor Middle Eastern components (e.g., Samaritan, Saudi, Yemenite, or Palestinian). - The top models also show high similarity with Ashkenazi and Italian Jewish groups, suggesting shared ancestry or gene flow among Jewish populations in Europe and the Middle East.

Historical Context:

As a Sephardic Jew from Smyrna, your ancestry reflects a rich and complex history:

- Smyrna was a major hub of Jewish life in the Ottoman Empire, especially after the expulsion of Jews from Spain in 1492. Many Sephardic Jews settled in the city, joining pre-existing Romaniote Jewish communities (Greek-speaking Jews with deep roots in the Eastern Roman Empire). - Your genetic links to Romaniote Jews and Italian Jews suggest that your ancestors may have included both pre-Ottoman Jewish populations (Romaniotes) and later Sephardic arrivals from Iberia. - The presence of Middle Eastern (Samaritan, Saudi, Yemeni) ancestry points to deep Levantine and Arabian roots, consistent with the ancient Israelite and Judean origins of Jewish populations. - Your European Jewish affinities (Ashkenazi Germany, Italian Jewry) reflect historical connections and shared ancestry among Jewish communities across Europe and the Mediterranean.

Conclusion:

Your genetic profile paints a picture of a Sephardic Jew from Smyrna with deep ancestral roots in the ancient Near East, Anatolia, and the Levant. You are closely related to Romaniote and Sephardic Jewish communities of the Eastern Mediterranean, with additional ties to Italian and Ashkenazi Jewry. This reflects both the ancient continuity of Jewish presence in the region and the historical migrations that shaped the Jewish diaspora—from ancient Israel to the Roman Empire, through the Byzantine and Ottoman periods, and into modern times. Your ancestry is a testament to the resilience and interconnectedness of Jewish communities across centuries and continents.