



SECOND PARENT ANCESTRY REPORT

Estimated Second Parent of Jerome | Generated: 11/12/2025

⚠ Important: Understanding This Report

This report estimates the genetic profile of the **unknown second parent** using the formula:

$$\text{SecondParent} = 2 \times \text{Child} - \text{KnownParent}$$

Key points to understand:

- This is a **50/50 probability estimation** - it assumes the child inherited exactly 50% from each parent
- In reality, genetic inheritance varies (typically 45-55% from each parent)
- Results are most accurate for **recent ancestry** (last 500-1000 years)
- Deep ancestry components may show more variation
- This is a **statistical estimation**, not a definitive genetic profile



Estimated Second Parent G25 Coordinates

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SecondParent_Jerome,0.13674700,0.14034000,0.05818600,0.03726700,0.04052500,0.01363800,0.00741100,0.00785700,0.00659300,0.00933800,-0.00442000,0.00615400,-0.01510300,-0.00854100,0.01388200,0.00440000,-0.00521500,0.00319700,0.00663700,0.00197400,0.00505300,0.00493500,0.00016400,0.01229600,-0.00061400
```

These coordinates represent the estimated genetic profile of the second parent based on the child's and known parent's DNA.



Distance Legend

All reports below are based on **Euclidean distance**. Use this legend to evaluate match quality:

GREAT (<0.02)

GOOD (0.02-0.03)

AVERAGE (0.03-0.04)

DISTANT (0.04-0.06)

VERY DISTANT (>0.06)



Neolithic Breakdown

Fit: 0,0450

Yamnaya_RUS_Samara	44,54%	0,1653
TUR_Barcin_N	41,88%	0,1993
WHG	13,58%	0,3346

The estimated second parent's Neolithic genetic breakdown is approximately 44.54% Yamnaya_RUS_Samara, 41.88% TUR_Barcin_N (Anatolian Neolithic), and 13.58% WHG (Western Hunter-Gatherer). This suggests a genetic profile with nearly equal contributions from Steppe (Yamnaya) and Anatolian Neolithic ancestries, with a smaller but notable component from Western Hunter-Gatherers.



Estimated modern ancestry composition of the second parent.

Anglo-New_Zealander	6,43%	0,0180
Dutch_Central+South	6,35%	0,0199
Somme (France)	5,79%	0,0175
English	4,60%	0,0155
Ille-et-Vilaine (France)	4,36%	0,0172
English_Cornwall	4,17%	0,0157
Maine-et-Loire (France)	4,02%	0,0175
Finistère (France)	3,72%	0,0163
Cornish	3,71%	0,0153
Welsh	3,49%	0,0143
Shetlandic	3,07%	0,0256
Danish	3,05%	0,0256
French_Oil_Ile-de-France_Paris	3,03%	0,0235
French_Paris	3,03%	0,0235
Loire-Atlantique (France)	2,58%	0,0197

The estimated second parent shows a predominantly Northwestern European genetic profile, with notable ancestry from the British Isles (including English, Cornish, and Welsh components) and significant French regional ancestry (notably from Somme, Ille-et-Vilaine, Maine-et-Loire, and Finistère). There is also a measurable Dutch (Central and South) component and a minor Anglo-New Zealander influence, likely reflecting British settler ancestry in New Zealand. Overall, the profile suggests the estimated second parent is of mixed British (English, Cornish, Welsh) and French regional descent, with some Dutch ancestry.





Ancient Model

Fit: 0,0129

Estimated ancient ancestry composition of the second parent.

Germanic*(AD*100-630)	15,45%	0,0383
Roman*Britain*(AD*100-400)	12,83%	0,0223
Germanic*(AD*700-1000)	12,65%	0,0408
Insular*Celt*(600*BC-AD*100)	9,81%	0,0231
Insular*Celt*(AD*100-1000)	9,14%	0,0276
Pict*(AD*300-500)	6,18%	0,0336
Germanic*(AD*100-600)	5,40%	0,0455
Italic*and*Etruscan*(900-200*BC)	4,84%	0,0791
Paeonian*(750-100*BC)	4,32%	0,0877
Illyrian*(750-200*BC)	4,03%	0,0649
Continental*Celt*(800-50*BC)	3,94%	0,0259
France*(AD*130-1400)	3,05%	0,0310
Thracian*(1100-200*BC)	2,92%	0,1257
Sicani*(900-400*BC)	2,78%	0,1385
Roman*Gaul*(AD*130-500)	1,69%	0,0322

The estimated second parent's ancient ancestry is predominantly Northwest European, with a strong Germanic component across multiple periods (AD 100–1000), totaling over 33%. There is also a significant contribution from Roman Britain and Insular Celtic populations, together making up over 21% and indicating deep roots in the British Isles during both the Iron Age and Roman periods. Smaller but notable proportions come from Pictish, Italic/Etruscan, Paeonian, and Illyrian ancestries, suggesting additional connections to ancient populations of the British Isles, Italy, and the western Balkans. Overall, the estimated second parent's genetic profile reflects a blend of ancient Northern and Western European ancestries, with minor influences from Southern Europe and the Balkans.



50 Closest Modern Populations

Populations most similar to the estimated second parent's genetic profile.

Population	Distance
French_Brittany	0,0139
French_Oil_Normandy_Seine-Maritime	0,0142
Welsh	0,0143
French_Oil_Normandy_Manche	0,0149
Anglo-American	0,0153
Manche (France)	0,0153
Cornish	0,0153
English	0,0155
English_Cornwall	0,0157
Seine Maritime (France)	0,0160
BelgianA	0,0162
Finistère (France)	0,0163
Ille-et-Vilaine (France)	0,0172
Belgian	0,0173
Maine-et-Loire (France)	0,0175
Somme (France)	0,0175
Dutch	0,0177
Anglo-New_Zealander	0,0180
Nord (France)	0,0184
BelgianB	0,0185
French_Oil_Hauts-de-France_Pas-de-Calais	0,0187
Anglo-American_Utah	0,0189
German	0,0192
Morbihan (France)	0,0193
Loire-Atlantique (France)	0,0197
Dutch_Central+South	0,0199
Dutch_Limburg	0,0207
Flemish_Belgium	0,0207
French_Oil_Pays_de_la_Loire_Maine-et-Loire	0,0207
French_Nord	0,0208

Scottish	0,0209
Pas-de-Calais (France)	0,0213
French_Oil_Hauts-de-France_Nord	0,0214
Calvados (France)	0,0214
Flemish_France_Nord	0,0218
Anglo-Canadian	0,0218
Côtes d'Armor (France)	0,0222
BelgianC	0,0226
Orcadian	0,0231
French_Oil_Ile-de-France_Paris	0,0235
French_Paris	0,0235
French_Pas-de-Calais	0,0240
Alsatian_Bas-Rhin	0,0241
French_Alsace	0,0241
Irish	0,0242
German_Baden-Wuerttemberg_Ellwangen	0,0245
Bavaria_Middle_Franconia_Erlangen	0,0247
Shetlandic	0,0256
Danish	0,0256
French_Seine-Maritime	0,0257

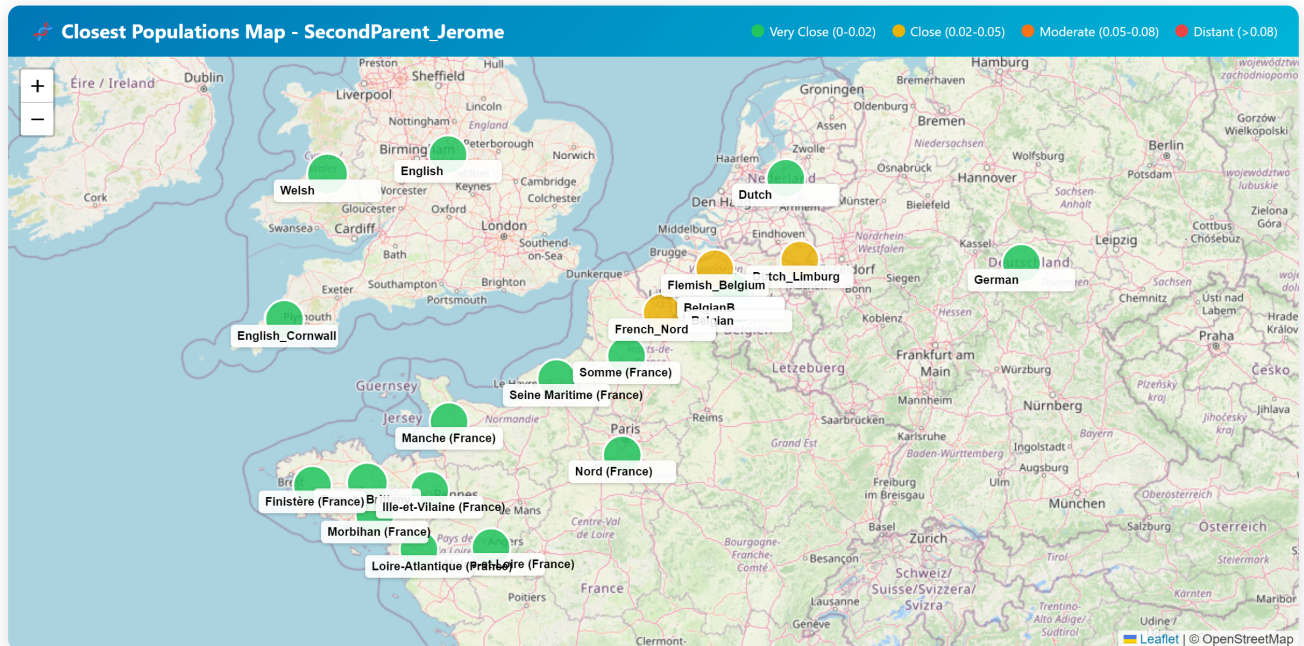
The estimated second parent's genetic profile is closest to populations from northwestern France and the British Isles. The top matches are French Brittany, Normandy (Seine-Maritime and Manche), and Welsh, followed by other populations from Cornwall, England, and Anglo-American backgrounds. There is also notable similarity to Belgian and Dutch populations, as well as regional samples from northern and western France (Finistère, Ille-et-Vilaine, Maine-et-Loire, Somme, Nord).



Overall, the estimated second parent is genetically most similar to people from Brittany and Normandy in France, as well as the Welsh, Cornish, and English populations of the British Isles, with some affinity to Belgians and Dutch. This suggests a northwestern French or British Isles origin, particularly from coastal regions facing the English Channel.

Modern Similarity Map

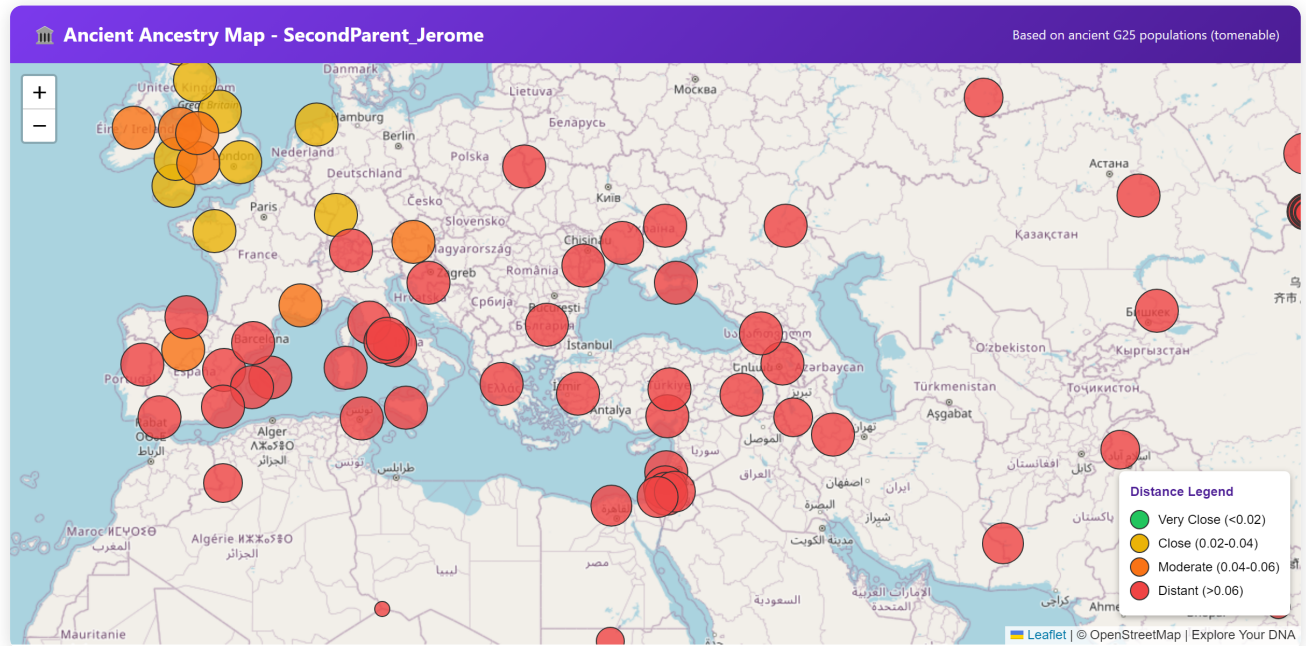
Geographic distribution of the estimated second parent's closest modern populations. Circle size and color indicate genetic proximity (green = close, red = distant).



[View Interactive Map Online](#)

Ancient Ancestry Map

Geographic visualization of the estimated second parent's closest ancient populations based on archaeological G25 samples.



 [View Interactive Ancient Map Online](#)

50 Closest 2-Way Combinations

About 2-Way Analysis: These combinations model the estimated second parent's ancestry as a mix of two populations.

Combination	Distance
61,0% Danish + 39,0% French_Arpitan_Auvergne-Rhone-Alpes_Isere	0,0089
56,1% Frisian_Netherlands + 43,9% French_Arpitan_Auvergne-Rhone-Alpes_Isere	0,0093
75,3% English + 24,7% French_Arpitan_Auvergne-Rhone-Alpes_Isere	0,0095
77,9% Welsh + 22,1% French_Arpitan_Auvergne-Rhone-Alpes_Isere	0,0096
75,0% English + 25,0% French_Occitan_Auvergne-Rhone-Alpes_Haute-Loire	0,0097
57,8% Norwegian + 42,2% French_Arpitan_Auvergne-Rhone-Alpes_Isere	0,0097
66,8% English + 33,2% Alsatian_Haut-Rhin	0,0097
67,3% Cornish + 32,7% Alsatian_Haut-Rhin	0,0097
77,6% Welsh + 22,4% French_Occitan_Auvergne-Rhone-Alpes_Haute-Loire	0,0097
75,0% English + 25,0% Haute-Loire (France)	0,0098
73,9% Anglo-New_Zealander + 26,1% Nièvre (France)	0,0098
76,7% English + 23,3% Italian_Friuli_Sappada_(Bavarian)	0,0099
77,8% Welsh + 22,2% Haute-Loire (France)	0,0099
79,5% English + 20,5% Aveyron (France)	0,0099
70,2% Welsh + 29,8% Alsatian_Haut-Rhin	0,0099
66,7% English_Cornwall + 33,3% Alsatian_Haut-Rhin	0,0100
75,9% English + 24,1% Marne (France)	0,0101
83,1% Welsh + 16,9% Italian_Friuli_Sauris_(Bavarian)	0,0101
79,5% Welsh + 20,5% Italian_Friuli_Sappada_(Bavarian)	0,0102
55,6% Icelandic + 44,4% French_Arpitan_Auvergne-Rhone-Alpes_Isere	0,0102
79,3% English + 20,7% Italian_Friuli_Venezia_Giulia_Alps	0,0102
81,0% English + 19,0% Italian_Friuli_Sauris_(Bavarian)	0,0102
53,1% Dutch_Groningen + 46,9% French_Arpitan_Auvergne-Rhone-Alpes_Isere	0,0102
55,3% Norwegian_Bergen + 44,7% French_Arpitan_Auvergne-Rhone-Alpes_Isere	0,0103
72,7% Anglo-New_Zealander + 27,3% Italian_Friuli_Sappada_(Bavarian)	0,0103
81,0% Welsh + 19,0% Nièvre (France)	0,0103
81,7% English + 18,3% Bouches du Rhône (France)	0,0103
85,9% Welsh + 14,1% Italian_Trentino_(Trentino_or_Ladin)	0,0103
77,4% English + 22,6% Swiss_French	0,0103
81,8% Welsh + 18,2% Italian_Friuli_Venezia_Giulia_Alps	0,0103

70,3% Dutch_Central+South + 29,7% Creuse (France)	0,0103
55,2% Anglo-New_Zealander + 44,8% French_Nord	0,0103
75,7% English + 24,3% French_Occitan_Auvergne-Rhone-Alpes_Drome	0,0103
84,0% English + 16,0% Italian_Dolomites	0,0104
65,7% Finistère (France) + 34,3% Alsatian_Haut-Rhin	0,0104
83,6% English + 16,4% Italian_Trentino_Alto_Adige	0,0104
84,3% English + 15,7% Italian_Veneto	0,0104
85,7% Welsh + 14,3% Italian_Trentino_Alto_Adige	0,0104
79,4% English + 20,6% Italian_Aosta_Valley_(Valdotain)	0,0104
67,3% English + 32,7% Swiss_German	0,0104
87,8% English + 12,2% Albanian_Gheg_Serbia	0,0105
80,1% English + 19,9% Italian_Aosta_Valley	0,0105
83,1% English + 16,9% Italian_Veneto-Prealps	0,0105
89,5% Welsh + 10,5% Albanian_Gheg_Serbia	0,0105
84,4% English + 15,6% Italian_Veneto_(Venetian)	0,0105
83,6% English + 16,4% Italian_Trentino	0,0105
75,9% English_Cornwall + 24,1% Marne (France)	0,0105
82,6% Welsh + 17,4% Aveyron (France)	0,0105
75,4% Anglo-New_Zealander + 24,6% Italian_Friuli-Venezia_Giulia_Alps	0,0105
79,2% Welsh + 20,8% Marne (France)	0,0105

The estimated second parent's genetic profile is best explained as predominantly Northwestern European—specifically British Isles or North Sea—combined with a significant minority of east-central or southeastern French ancestry, particularly from the Auvergne-Rhône-Alpes region (Arpitan or Occitan areas), or occasionally Alsatian or other eastern French regions. The closest matches are:



- **Primary ancestry:** English, Welsh, Cornish, Frisian (Netherlands), Danish, Norwegian, or Icelandic—generally between 55% and 83% of the profile. - **Secondary ancestry:** French regional populations, most commonly French_Arpitan_Auvergne-Rhone-Alpes_Isere, French_Occitan_Auvergne-Rhone-Alpes_Haute-Loire, Alsatian_Haut-Rhin, or nearby departments like Haute-Loire, Nièvre, Marne, or Aveyron—comprising 17% to 45% of the profile. - **Occasional minor matches:** Small contributions from Italian_Friuli_Sappada or Sauris (Bavarian-speaking Alpine Italians), which may reflect shared Central European ancestry with eastern France.

Summary: The estimated second parent is most likely a mix of British Isles (especially English or Welsh) and southeastern or eastern French (Auvergne-Rhône-Alpes, Alsace, or nearby), with the British Isles component being dominant. The results consistently point to this two-way combination, with the French portion most often from the Arpitan or Occitan-speaking regions of southeastern France.

4-Way Combinations (25% each)

Equal-share combinations with 25% contribution from each population.

Mix	Distance
English_Cornwall (25,0%) + Haute-Loire (France) (25,0%) + Dutch_North (25,0%) + Alsatian_Haut-Rhin (25,0%)	0,0093
English_Cornwall (25,0%) + French_Arpitan_Auvergne-Rhone-Alpes_Isere (25,0%) + Cornish (25,0%) + Frisian_Netherlands (25,0%)	0,0094
English (25,0%) + Bouches du Rhône (France) (25,0%) + Cornish (25,0%) + Dutch_North (25,0%)	0,0094
Maine-et-Loire (France) (25,0%) + Alsatian_Haut-Rhin (25,0%) + Welsh (25,0%) + English_Cornwall (25,0%)	0,0094
French_Occitan_Auvergne-Rhone-Alpes_Haute-Loire (25,0%) + Dutch_Groningen (25,0%) + Somme (France) (25,0%) + Côtes d'Armor (France) (25,0%)	0,0095
Finistère (France) (25,0%) + BelgianA (25,0%) + Frisian_Netherlands (25,0%) + French_Arpitan_Auvergne-Rhone-Alpes_Isere (25,0%)	0,0095
Ardenne (France) (25,0%) + Haute-Loire (France) (25,0%) + Anglo-New_Zealand (25,0%) + Dutch_North (25,0%)	0,0096
French_Occitan_Auvergne-Rhone-Alpes_Haute-Loire (25,0%) + Walloon (25,0%) + Dutch_North (25,0%) + Frisian_Netherlands (25,0%)	0,0096
German (25,0%) + Finistère (France) (25,0%) + Irish_Ulster (25,0%) + French_Arpitan_Auvergne-Rhone-Alpes_Isere (25,0%)	0,0096
Dutch_North (25,0%) + Somme (France) (25,0%) + Anglo-New_Zealand (25,0%) + Italian_Friuli_Sappada_(Bavarian) (25,0%)	0,0096

8-Way Combinations (12.5% each)

Equal-share combinations with 12.5% contribution from each population.

Mix	Distance
Italian_Trentino_(Trentino_or_Ladin) (12,5%) + German (12,5%) + Anglo-New_Zealand (12,5%) + Dutch_Central (12,5%) + Danish (12,5%) + Norwegian (12,5%) + French_Arpitan_Auvergne-Rhone-Alpes_Isere (12,5%) + French_Oil_Normandy_Manche (12,5%)	0,0105
Dutch_Groningen (12,5%) + Dutch_North (12,5%) + Dutch_North_Brabant (12,5%) + Welsh (12,5%) + Anglo-Canadian (12,5%) + French (12,5%) + Welsh (12,5%) + Italian_Aosta_Valley (12,5%)	0,0109
Finistère (France) (12,5%) + Anglo-Canadian (12,5%) + Swedish (12,5%) + Dutch_North (12,5%) + Dutch_Groningen (12,5%) + Haute-Loire (France) (12,5%) + Basque_Spain_Biscay (12,5%) + French_Canadian (12,5%)	0,0110
Dutch_South_Holland (12,5%) + Frisian_Netherlands (12,5%) + Swedish (12,5%) + Dutch_Central (12,5%) + Gard (France) (12,5%) + Maine-et-Loire (France) (12,5%) + Swiss_French (12,5%) + England_Wiltshire (12,5%)	0,0111
Anglo-New_Zealand (12,5%) + English_Cornwall (12,5%) + French_Oil_Ile-de-France_Paris (12,5%) + Anglo-New_Zealand (12,5%) + Dutch_South_Holland (12,5%) + Serb_Serbia_Jablanica (12,5%) + England_Hampshire (12,5%) + French_Oil_Ile-de-France_Paris (12,5%)	0,0111
Danish (12,5%) + Somme (France) (12,5%) + Dutch_North (12,5%) + Dutch_Groningen (12,5%) + French_Occitan_Auvergne-Rhone-Alpes_Ardeche (12,5%) + Basque_Roncal (12,5%) + Scottish (12,5%) + German (12,5%)	0,0111
Finistère (France) (12,5%) + French (12,5%) + English (12,5%) + Dutch_North (12,5%) + Frisian_Netherlands (12,5%) + Finistère (France) (12,5%) + Loire-Atlantique (France) (12,5%) + French_Arpitan_Auvergne-Rhone-Alpes_Loire (12,5%)	0,0112
French_Arpitan_Auvergne-Rhone-Alpes_Loire (12,5%) + Anglo-New_Zealand (12,5%) + Alsatian_Bas-Rhin (12,5%) + BelgianA (12,5%) + Dutch_Central (12,5%) + Dutch (12,5%) + BelgianA (12,5%) + English_Cornwall (12,5%)	0,0114
Basque_Biscay (12,5%) + Dutch_Central+South (12,5%) + Northern_Irish_Mixed_(Ulster_Irish+Ulster_Scots) (12,5%) + Welsh (12,5%) + Dutch_Central+South (12,5%) + Bas-Rhin (France) (12,5%) + Lozère (France) (12,5%) + Dutch_North (12,5%)	0,0115
Spanish_Catalonia_Central_(Catalan) (12,5%) + Anglo-New_Zealand (12,5%) + Anglo-American_Utah (12,5%) + Dutch_North (12,5%) + Polish_Silesia (12,5%) + Dutch_Groningen (12,5%) + Côtes d'Armor (France) (12,5%) + French_Occitan_Auvergne-Rhone-Alpes_Haute-Loire (12,5%)	0,0115

16-Way Combinations (6.25% each)

Equal-share combinations with 6.25% contribution from each population.

Mix	Distance
Norwegian (6,2%) + French_South (6,2%) + Loire-Atlantique (France) (6,2%) + Finistère (France) (6,2%) + Finnish_Southwest (6,2%) + Saône et Loire (France) (6,2%) + Aveyron (France) (6,2%) + Irish_Ulster (6,2%) + French_Oil_Normandy_Seine-Maritime (6,2%) + Alsatian_Haut-Rhin (6,2%) + Basque_Araba (6,2%) + Ukrainian_Crimea (6,2%) + Doubs (France) (6,2%) + Walloon (6,2%) + English (6,2%) + French_Brittany (6,2%)	0,0144
Doubs (France) (6,2%) + Basque_Spain_Alava (6,2%) + French_Oil_Bourgogne-Franche-Comte_Cote-d'Or (6,2%) + England_Wiltshire (6,2%) + Norwegian (6,2%) + Icelandic (6,2%) + Basque_Roncal (6,2%) + Croat_Kajkavian_Northern_Croatia (6,2%) + Dutch_South_Holland (6,2%) + French_Occitan_Provence-Alpes-Cote_d'Azur_Bouches-du-Rhone_Marseille (6,2%) + French_Brittany (6,2%) + Dutch_Central+South (6,2%) + Nièvre (France) (6,2%) + Vosges (France) (6,2%) + Anglo-New_Zealander (6,2%) + Haute-Loire (France) (6,2%)	0,0149
Italian_Brianza_Insubria (6,2%) + German_Saxony-Anhalt (6,2%) + Danish (6,2%) + Serb_Bosnia (6,2%) + Swedish (6,2%) + Slovincian (6,2%) + Basque_Spain_Navarre (6,2%) + Dutch_North (6,2%) + Morbihan (France) (6,2%) + Basque_Spain_Navarre_Northwest (6,2%) + Northern_Irish_Mixed_(Ulster_Irish+Ulster_Scots) (6,2%) + French_Brittany (6,2%) + Cornish (6,2%) + German_Saxony_Leipzig (6,2%) + French_Seine-Maritime (6,2%) + Spanish_La_Rioja_(Riojan) (6,2%)	0,0151
Bavaria_Middle_Franconia_Erlangen (6,2%) + Northern_Irish_Mixed_(Ulster_Irish+Ulster_Scots) (6,2%) + Spanish_Catalunya_Central (6,2%) + French_Occitan_Provence-Alpes-Cote_d'Azur_o (6,2%) + French_Oil_Hauts-de-France_Pas-de-Calais (6,2%) + Anglo-New_Zealander (6,2%) + Dutch_Groningen (6,2%) + Ardennes (France) (6,2%) + Anglo-Canadian (6,2%) + Italian_Lombardy_Alps (6,2%) + Finnish_Southwest (6,2%) + Manche (France) (6,2%) + German_East (6,2%) + Saône et Loire (France) (6,2%) + Icelandic (6,2%) + Spanish_Pirineu (6,2%)	0,0152
Loire (France) (6,2%) + Bosnian (6,2%) + Welsh (6,2%) + Italian_Friuli-Venezia_Giulia_Alps (6,2%) + German_Thuringia (6,2%) + Basque_Spain_Navarre_Central-West (6,2%) + French_Provence (6,2%) + French_Canadian (6,2%) + Norwegian_Bergen (6,2%) + Basque_Lower_Navarre (6,2%) + French_Oil_Pays_de_la_Loire_Maine-et-Loire (6,2%) + Dutch_Groningen (6,2%) + French_Oil_Bourgogne-Franche-Comte_Saone-et-Loire (6,2%) + Dutch_Groningen (6,2%) + Northern_Irish_Mixed_(Ulster_Irish+Ulster_Scots) (6,2%) + Dutch_North (6,2%)	0,0153
Polish_Silesia (6,2%) + Dutch_Central (6,2%) + Basque_Spain (6,2%) + England_Wiltshire (6,2%) + Flemish_France_Nord (6,2%) + German_Saxony_Leipzig (6,2%) + Dutch_Central+South (6,2%) + Basque_Gipuzkoa (6,2%) + Seine Maritme (France) (6,2%) + Italian_Veneto_Prealps (6,2%) + Scottish_Argyll_and_Bute (6,2%) + Irish (6,2%) + Polish_Silesia (6,2%) + Ille-et-Vilaine (France) (6,2%) + French_Oil_Normandy_Seine-Maritime (6,2%) + Ukrainian_Kropyvnytskyi (6,2%)	0,0153
BelgianA (6,2%) + Dordogne (France) (6,2%) + Frisian_Netherlands (6,2%) + Basque_Spain_Navarre_Northwest (6,2%) + Italian_Friuli_Sappada_(Bavarian) (6,2%) + Anglo-New_Zealander (6,2%) + Cornish (6,2%) + Italian_Friuli_Sauris_(Bavarian) (6,2%) + Dutch_Central+South (6,2%) + Dutch_Groningen (6,2%) + Ukrainian_Zaporizhzhia (6,2%) + Spanish_Soria (6,2%) + German_Mecklenburg (6,2%) + Anglo-American (6,2%) + Basque_French (6,2%) + Sorb_Niederlausitz (6,2%)	0,0154
German_North (6,2%) + Vosges (France) (6,2%) + Italian_Friuli_Sappada_(Bavarian) (6,2%) + Ille-et-Vilaine (France) (6,2%) + French_Oil_Pays_de_la_Loire_Maine-et-Loire (6,2%) + German_Mecklenburg (6,2%) + Shetlandic (6,2%) + Scottish (6,2%) + French_Oil_Bourgogne-Franche-Comte_Cote-d'Or (6,2%) + Irish (6,2%) + Cossack_Ukrainian (6,2%) + Spanish_Catalonia_Camp_de_Tarragona_(Catalan) (6,2%) + Polish_Kashubian (6,2%) + Italian_Aosta_Valley (6,2%) + Nord (France) (6,2%) + Cornish (6,2%)	0,0154
Dutch_South_Holland (6,2%) + German_Baden-Wuerttemberg_Ellwangen (6,2%) + Spanish_Aragon_North_(Aragonese) (6,2%) + Swedish (6,2%) + English (6,2%) + German_Lower_Saxony (6,2%) + German_Lower_Saxony (6,2%) + Spanish_Soria (6,2%) + Dutch_Central+South (6,2%) + Moselle (France) (6,2%) + Irish_Ulster (6,2%) + Loire-Atlantique (France) (6,2%) + French_Occitan_Occitanie_Haute-Garonne (6,2%) + Basque_Gipuzkoa (6,2%) + Rhône (France) (6,2%) + Maine-et-Loire (France) (6,2%)	0,0156
Flemish_France_Nord (6,2%) + Eure (France) (6,2%) + Rhône (France) (6,2%) + England_Wiltshire (6,2%) + Ille-et-Vilaine (France) (6,2%) + German_North_Bohemia (6,2%) + Serb_Serbia_Rasina (6,2%) + Saône et Loire (France) (6,2%) + Swedish (6,2%) + Basque_Roncal (6,2%) + Polish_Mazovia (6,2%) + Anglo-American_Utah (6,2%) + Italian_Aosta_Valley (6,2%) + French_Chalosse (6,2%) + Anglo-New_Zealander (6,2%) + Orcadian (6,2%)	0,0156

Multi-Way Analysis Interpretation

The estimated second parent likely has a highly mixed Northwestern and Central European background, potentially with minor Southern European and Scandinavian influences. The most prominent ancestry components are English (particularly from Cornwall), French (with regions including Haute-Loire, Bouches du Rhône, Auvergne-Rhône-Alpes, Finistère, and Loire-Atlantique), Dutch (notably North, Groningen, North Brabant, Central), and Germanic (including Frisian, German, Alsatian, and possibly Saxony-Anhalt). Additional elements suggest minor contributions from Welsh, Swedish, Norwegian, Danish, Anglo-Canadian, Anglo-New Zealander, and Cornish. There are also small signals of Italian (Trentino, Brianza/Insubria), Basque (Spain, Alava), and Serb (Bosnia) origins, as well as French regional subgroups (Arpitan, Oil, Bourgogne-Franche-Comté, Doubs, Côte-d'Or).



Overall, the estimated second parent is best described as predominantly Northwestern European (English, French, Dutch, German), with lesser but detectable Southern European (Italian, Basque), Scandinavian (Norwegian, Swedish, Danish), and Eastern European (Serb) ancestry, reflecting a complex, multi-regional heritage.

Conclusion

In summary, the estimated second parent's ancestral background appears to be a rich tapestry woven from both ancient and more recent European roots. Their DNA suggests strong connections to Neolithic populations of the Yamnaya and early Anatolian farmers, as well as Western Hunter-Gatherers. Modern ancestry points to ties with regions such as Brittany and Normandy in France, Wales, and the Netherlands, with additional links to Anglo-New Zealander and Anglo-American communities. These findings are based on the estimated genetic contribution calculated from the child and one known parent, so actual ancestry may differ. Exploring these ancestral threads is a wonderful way to appreciate the diverse heritage that shapes each family's unique story.



AI-generated interpretation based on estimated genetic data

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