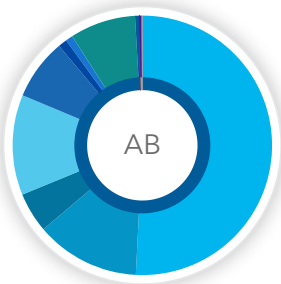You are viewing Alanna Bateman's 23andMe Ancestry report.

Ancestry Composition

Your DNA tells the story of who you are and how you're connected to populations around the world. Trace your heritage through the centuries and uncover clues about where your ancestors lived and when.

Alanna Bateman	**100%**
European	99.6%
Northwestern European	**81.3%** ⌄
French & German	50.8% ⌄
Bavaria, Germany	
+4 regions	
British & Irish	13.0% ⌄
Greater London, United Kingdom	
County Galway, Ireland	
+14 regions	
Scandinavian	5.0% ⌄
Vestfold, Norway	
+2 regions	
Broadly Northwestern European	12.5% ⌄
Southern European	**9.6%** ⌄

What does your ancestry say about you?

Get started

+2 regions

Greek & Balkan   1.1% ⌄

Broadly Southern European   0.9% ⌄

Ashkenazi Jewish   **8.2%** ⌄

Broadly European   **0.5%** ⌄

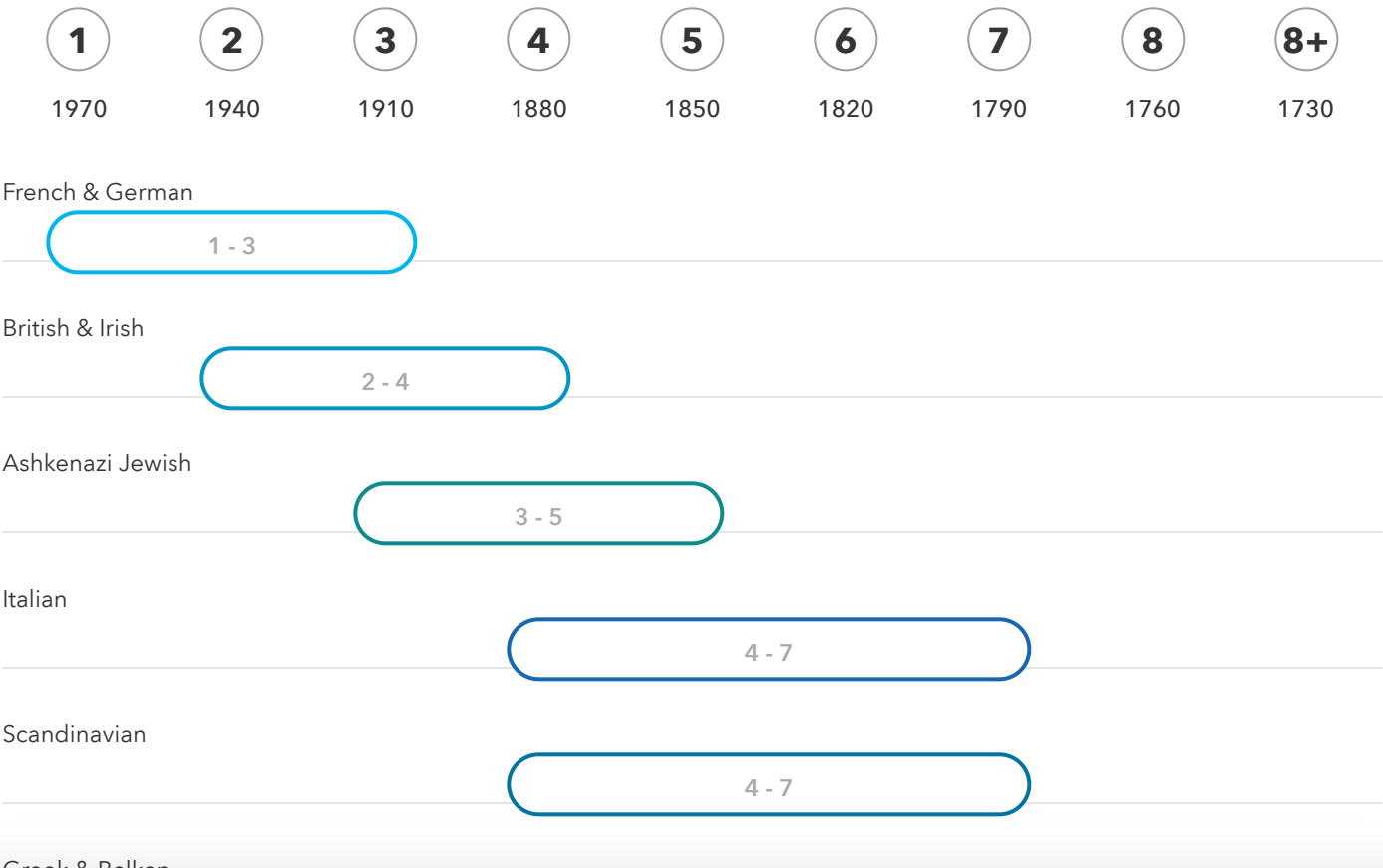**Trace Ancestry**   **0.4%**

[See all tested populations](#)

Updated: October 18, 2020 ⓘ

Your Ancestry Timeline

How many generations ago was your most recent ancestor for each population?

Generation

1	2	3	4	5	6	7	8	8+
1970	1940	1910	1880	1850	1820	1790	1760	1730

French & German
| 1 - 3 |

British & Irish
| 2 - 4 |

Ashkenazi Jewish
| 3 - 5 |

Italian
| 4 - 7 |

Scandinavian
| 4 - 7 |

Greek & Balkan
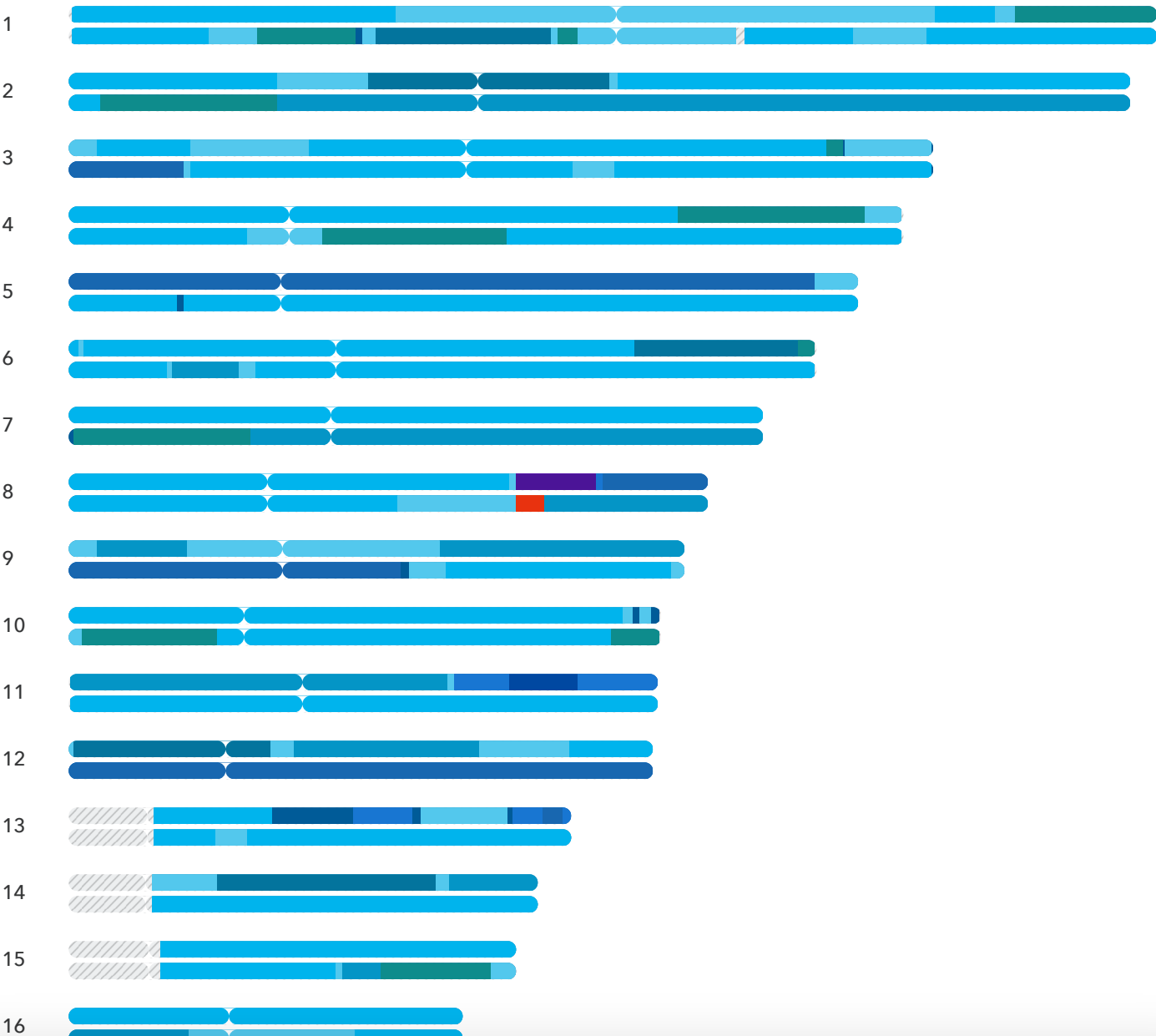
What does your ancestry say about you?

Get started

Your Ancestry Composition Chromosome Painting

These are your chromosomes; we've painted them with your Ancestry Composition results. The first 22 are called autosomes and come in pairs of two, each represented by one of the colored horizontal lines in the graphic below. Chromosomes have different lengths, and are named 1 through 22, when sorted by size (scientists are not very creative). Lastly, we also look at ancestry on your X chromosome: two copies like the autosomes if you are female, and only one copy if you're male (that you got from mom).

Change confidence level ∨

Filter by Population   ›

What does your ancestry say about you?

Get started

Read Scientific Details ∧

Your Ancestry Composition Results

At the heart of your Ancestry Composition report is your **ancestral breakdown**: a list of your population percentages arranged in a hierarchy from the continental level to the regional level. You may notice another layer of insights about the likely origins of more recent ancestors; these specific **recent ancestor locations** are listed beneath each regional population percentage.

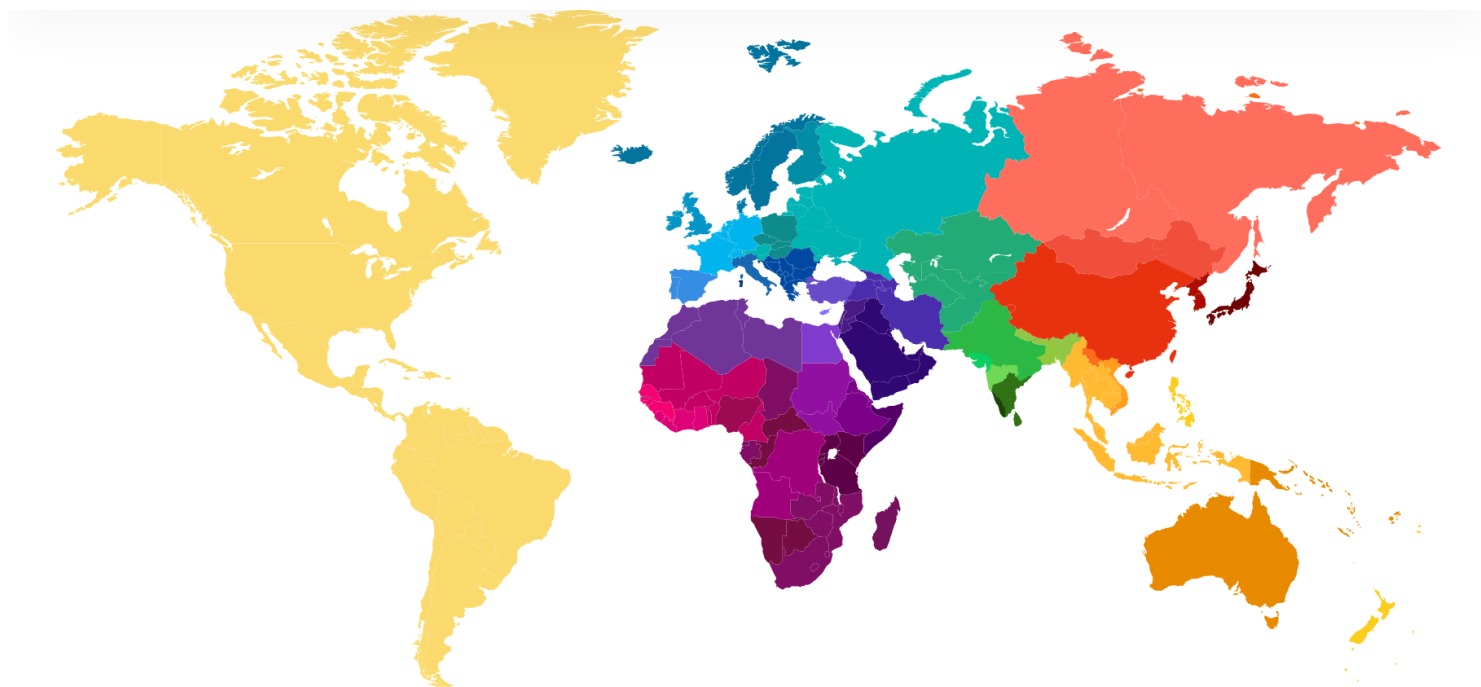## How we calculate your ancestral breakdown

To determine your ancestral breakdown, we use an algorithm that individually looks at short pieces of DNA across your genome. We compare each piece to DNA from reference populations from around the world (i.e. thousands of individuals with known ancestry). When a piece of your DNA resembles the DNA from a specific reference population with a high degree of confidence, it is assigned to that population. Sometimes a piece of DNA resembles reference DNA from several populations, in which case it is assigned to a "broad" ancestry (e.g. Northwestern European). If a piece of DNA does not closely resemble reference DNA from any populations, then that piece of DNA shows up in your results as Unassigned ancestry. These assignments are tallied across your genome to determine your final results. By default, your results are calculated at a 50% confidence level; you can see how your results change with different confidence levels in the **Chromosome Painting** section.

Read our **Ancestry Composition Guide** for more details about how we assign your DNA to different ancestries.

Current Ancestry Populations

What does your ancestry say about you?

Get started

How we determine your recent ancestor locations

Recent ancestor locations (found in your Ancestry Detail reports) are intended to complement your ancestral breakdown and provide a more recent and granular view of your ancestry. To determine these results, we look for identical pieces of DNA that you have in common with individuals of known ancestry from around the world. Reference populations for recent ancestor locations are comprised of over 400,000 customers, and this number will continue to grow as our customer database expands. Each recent ancestor location has its own unique demographic history, so we've calibrated our algorithm to better reflect these differences. For a given recent ancestor location, we indicate our confidence in the result, reported as "possible match," "likely match," or "highly likely match." If we are not able to detect recent ancestry from a location with confidence, we report this to you as "not detected."

The maps on your Ancestry Detail Reports are a visual representation of your recent ancestor locations down to the state and county level. A map is generated by aggregating the ancestral origins of individuals who share a minimum amount of DNA with you. Your results are a living analysis and will improve over time as more people with known ancestry join our gene pool.

Have more questions? Check out the **Frequently Asked Questions** section.

All 224 Tested Populations

| Your results | Reference datasets |

What does your ancestry say about you?

Get started

Population	Match Confidence	Percent
European		**99.6%** ∧
Northwestern European		**81.3%**
French & German		**50.8%**
Germany	Likely Match	
Austria	*Not Detected*	
Belgium	*Not Detected*	
France	*Not Detected*	
Luxembourg	*Not Detected*	
Netherlands	*Not Detected*	
Switzerland	*Not Detected*	
British & Irish		**13.0%**
United Kingdom	Highly Likely Match	
Ireland	Likely Match	
Guernsey	*Not Detected*	
Scandinavian		**5.0%**
Norway	Likely Match	
Denmark	*Not Detected*	
Faroe Islands	*Not Detected*	
Iceland	*Not Detected*	
Sweden	*Not Detected*	
Finnish		**0.0%**
Finland		
Broadly Northwestern European		**12.5%**
Southern European		**9.6%**
Italian		**7.6%**

What does your ancestry say about you?

Get started

Although we've detected Greek & Balkan DNA in your ancestral breakdown, we have not identified more specific locations that your recent ancestors may have called home.

Albania	*Not Detected*
Bosnia and Herzegovina	*Not Detected*
Bulgaria	*Not Detected*
Croatia	*Not Detected*
Greece	*Not Detected*
Moldova	*Not Detected*
Montenegro	*Not Detected*
North Macedonia	*Not Detected*
Romania	*Not Detected*
Serbia	*Not Detected*

Sardinian	**0.0%**
Spanish & Portuguese	**0.0%**
Portugal	
Spain	
Broadly Southern European	**0.9%**
Ashkenazi Jewish	**8.2%**
Eastern European	**0.0%**

Belarus

Czech Republic

Estonia

Hungary

Latvia

Lithuania

Poland

Russia

Slovakia

Slovenia

Ukraine

What does your ancestry say about you?

Get started

Central & South Asian	**0.0%** ⌄
Central Asian, Northern Indian & Pakistani	**0.0%**
Bengali & Northeast Indian	**0.0%**
Bangladesh	
India (northeastern regions)	
Nepal	
Central Asian	**0.0%**
Afghanistan	
Kazakhstan	
Kyrgyzstan	
Tajikistan	
Turkmenistan	
Uzbekistan	
Gujarati Patidar	**0.0%**
Northern Indian & Pakistani	**0.0%**
India (northern regions)	
Pakistan	
Broadly Central Asian, Northern Indian & Pakistani	**0.0%**
Southern Indian Subgroup	**0.0%**
Southern South Asian	**0.0%**
Malayali Subgroup	**0.0%**
Southern Indian & Sri Lankan	**0.0%**
India (southern regions)	
Sri Lanka	
Broadly Southern South Asian	**0.0%**
Broadly Central & South Asian	**0.0%**

What does your ancestry say about you?

Get started

Chinese & Southeast Asian   0.0%

[Chinese Dai](#)	0.0%
[Filipino & Austronesian](#)	**0.0%**

American Samoa

Guam

Madagascar

Micronesia

Northern Mariana Islands

Palau

Philippines

Samoa

Tonga

[Indonesian, Thai, Khmer & Myanma](#)	**0.0%**

Cambodia

Indonesia

Laos

Malaysia

Myanmar

Thailand

[Vietnamese](#)	**0.0%**

Vietnam

Broadly Chinese & Southeast Asian	**0.0%**
Japanese & Korean	**0.0%**
[Japanese](#)	**0.0%**

Japan

[Korean](#)	**0.0%**

North Korea

South Korea

What does your ancestry say about you?

Get started

Northern Asian	**0.0%**
Manchurian & Mongolian	**0.0%**
Mongolia	
Siberian	**0.0%**
Broadly Northern Asian	**0.0%**
Broadly East Asian & Native American	**0.0%**
Melanesian	**0.0%** ⌄
Broadly Melanesian	**0.0%**
Fiji	
Sub-Saharan African	**0.0%** ⌄
African Hunter-Gatherer	**0.0%**
Congolese & Southern East African	**0.0%**
Angolan & Congolese	**0.0%**
Democratic Republic of the Congo	
Southern East African	**0.0%**
Kenya	
Rwanda	
Broadly Congolese & Southern East African	**0.0%**
Northern East African	**0.0%**
Ethiopian & Eritrean	**0.0%**
Eritrea	
Ethiopia	
Somali	**0.0%**
Somalia	

What does your ancestry say about you?

Get started

Broadly Northern East African	0.0%

West African	0.0%

Ghanaian, Liberian & Sierra Leonean	0.0%

Ghana

Liberia

Sierra Leone

Nigerian	0.0%

Nigeria

Senegambian & Guinean	0.0%

Cape Verde

Gambia

Guinea

Senegal

Broadly West African	0.0%

Cameroon

Mauritania

Broadly Sub-Saharan African	0.0%

Western Asian & North African	0.0% ⌄

Arab, Egyptian & Levantine	0.0%

Coptic Egyptian	0.0%

Egyptian	0.0%

Egypt

Peninsular Arab	0.0%

Bahrain

Kuwait

Oman

What does your ancestry say about you?

Get started

Yemen

Broadly Arab, Egyptian & Levantine	**0.0%**

[North African](#)	**0.0%**

Algeria

Libya

Morocco

Tunisia

Northern West Asian	**0.0%**

[Anatolian](#)	**0.0%**

Turkey (western provinces)

[Cypriot](#)	**0.0%**

Cyprus

[Iranian, Caucasian & Mesopotamian](#)	**0.0%**

Armenia

Azerbaijan

Georgia

Iran

Iraq

Turkey (eastern provinces)

Broadly Northern West Asian	**0.0%**

Broadly Western Asian & North African	**0.0%**

Trace Ancestry	**0.4%** ⌄

[Levantine](#)	**0.3%**

Although we've detected Levantine DNA in your ancestral breakdown, we have not identified more specific locations that your recent ancestors may have called home.

Jordan	*Not Detected*
Lebanon	*Not Detected*

What does your ancestry say about you?

Get started

Although we've detected Chinese DNA in your ancestral breakdown, we have not identified more specific locations that your recent ancestors may have called home.

Mainland China	*Not Detected*
Taiwan	*Not Detected*

Unassigned　　　　　　　　　　　　　　**0.0%** ⌄

There is a wide range of human diversity in the world, and sometimes our algorithm is unable to match a region of your DNA to a specific population with confidence. Individuals whose ancestors came from multiple continents and who mixed many generations ago typically see more "unassigned" ancestry in their Ancestry Composition. Individuals whose ancestors came from just one continent (or individuals whose ancestors intermixed more recently) typically see less "unassigned" ancestry.

Recent Ancestry in the Americas　　　　　　　　　　　⌄

Ancestry Composition v5.9

Genotyping chip: Version 5

Read Frequently Asked Questions ⌄

You

Now it's your turn

Now it's your turn

What does your ancestry say about you?

Get started

Get started

ANCESTRY	HEALTH & TRAITS	RESEARCH	FAMILY & FRIENDS
Ancestry Overview	Health & Traits Overview	Research Overview	Family Tree
Maternal Haplogroup	All Health & Traits Reports	Surveys and Studies	Your Connections
Paternal Haplogroup	My Health Action Plan	Edit Answers	GrandTree
		Publications	

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What does your ancestry say about you?

Get started