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Your DNA Family

Learn about your DNA Relatives, the diverse group of 23andMe customers who have DNA in common with you. Only individuals who have chosen to participate in DNA Relatives are the subject of this report.

Jamie, you have **1197 DNA Relatives** in your 23andMe DNA Family.

You and each of your DNA Relatives share identical segments of DNA that were passed down to both of you from a shared ancestor. Close relatives share a lot of DNA with you, while distant cousins may share a single small segment.

Close Family to Second Cousins
Relationships may include: siblings, parents, children, grandparents, grandchildren, aunts, uncles, first and second cousins.

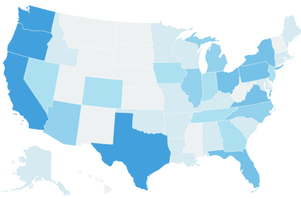
Third to Fourth Cousins
Relationships may include: third and fourth cousins, first to third cousins once or more removed.

Fifth to Distant Cousins
Relationships may include: fifth and distant cousins, closer cousins once or more removed. What is a fifth cousin? Learn more.

Locations of Your DNA Relatives

Your 23andMe DNA Relatives live in 35 US states and 3 countries. Explore the map to see the places they call home. Looking for a list view? Click here

US Map | World Map



Number of DNA Relatives in each region

0 5 10 15 20 25 30+

Ancestry of Your DNA Relatives

Some of your DNA Relatives share aspects of your Ancestry Composition, while others have genetic ancestries that are distinct from your own. Click on each population in the table below to learn more.

Rank	Ancestry	Number of DNA Relatives with ancestry
1	British & Irish	830
2	French & German	830
3	Scandinavian	675
4	Eastern European	210
5	Iberian	165
6	Italian	95
7	Balkan	85
8	Ashkenazi Jewish	45
9	West African	35
10	Native American	30
11	Finnish	15
12	Middle Eastern	10
13	Central & South African	5
14	Sardinian	5
15	Southeast Asian	5

Compared to the average 23andMe customer, your DNA Relatives are...

54% less likely to **have run a marathon**

42% less likely to **feel jittery after drinking caffeine**

38% less likely to **make new years resolutions**

33% more likely to **have lived near a farm when they were young**

30% more likely to **own a dog**

Show All

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Scientific Details

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How 23andMe identifies your DNA Relatives

To identify your DNA Relatives, we use an algorithm that finds segments of your DNA that are identical to DNA segments of other 23andMe customers. When these segments are sufficiently long, we infer that they were inherited from a recent common ancestor. These segments are known as "identical by descent," or IBD. Our algorithm searches for these matches across virtually your entire genome, so we can identify DNA Relatives on any branch of your family tree.

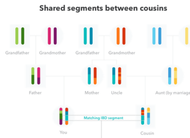
Every time DNA is passed from one generation to the next, the two chromosomes in each pair are randomly shuffled with each other in a process called recombination. Then, only half of this new DNA -- one set of chromosomes -- is passed down to each child. The total amount of DNA passed down from an ancestor is cut approximately in half each generation. Through this process, long inherited segments are broken up generation by generation into multiple shorter ones and sometimes lost altogether.

Despite all of this generational shuffling, DNA Relatives is highly sensitive and can pick up matches ranging from siblings and uncles to distant eighth cousins -- individuals that share great-great-great-great-great-great grandparents with you. It may not always be obvious how you share a connection with someone, but that's where our DNA Relatives tool comes in. Visit the tool to find out more about your matches and get in touch to learn about your family history.

See our Customer Care pages for more information:

- DNA Relatives in the new 23andMe experience

Shared segments between cousins



A closer look at the matching segment

Sources of information used in this report

The Your DNA Family report provides aggregated summaries of several attributes of your DNA Relatives. The following information sources are used in the report:

Report Section	Source
Close to distant DNA Relatives	Computed IBD results from the DNA Relatives tool.
Locations of your DNA Relatives	Answers to survey questions by your DNA Relatives.
Ancestries of your DNA Relatives	Computed results from the Ancestry Composition report.
Traits and behaviors in your 23andMe DNA Family	Answers to survey questions by your DNA Relatives.

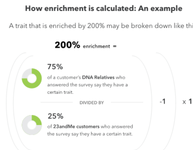
Traits in Your DNA Family

We started with a curated list of interesting traits and behaviors from the set of surveys that 23andMe customers – including many of your DNA Relatives – have chosen to answer. Next, we calculated the percentage of your DNA Relatives who reported each trait and the percentage of all 23andMe customers who reported that same trait. Finally, we compared these two percentages and calculated the percentage increase in the concentration of each trait in your 23andMe DNA family. Your result shows these traits ranked by the size of the increase or decrease.

This result does not reflect your likelihood of having a trait or characteristic.

How enrichment is calculated: An example

A trait that is enriched by 200% may be broken down like this.



References

1. Henn BM et al. (2012). "Cryptic distant relatives are common in both isolated and cosmopolitan genetic samples." PLoS One. 7(4):e34267.