AncestryDNA® Ethnicity Inheritance Separating Parents in SideView™

[Video Link]

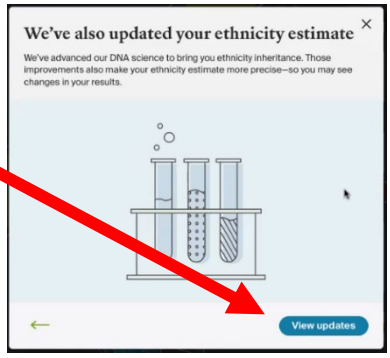
Brand new at AncestryDNA® is their product called SideView™ which separates our parents' DNA (a.k.a. Phasing) using your DNA and nothing else. So even if you don't know who your parents are, Ancestry is now separating one side of your DNA ethnicity estimates from the other side.

They have also updated your ethnicity estimates, but not the regions.

Here are step by step instructions on how to get there and how do use it.

First time seeing your results...

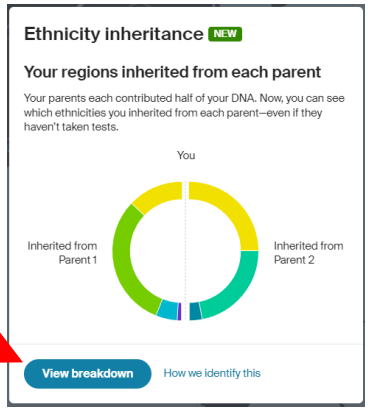
1. On Ancestry click the DNA tab. You might see a screen with two slides briefly explaining the new feature. Click View Updates to see your DNA ethnicity updates. It will then skip the next two steps.



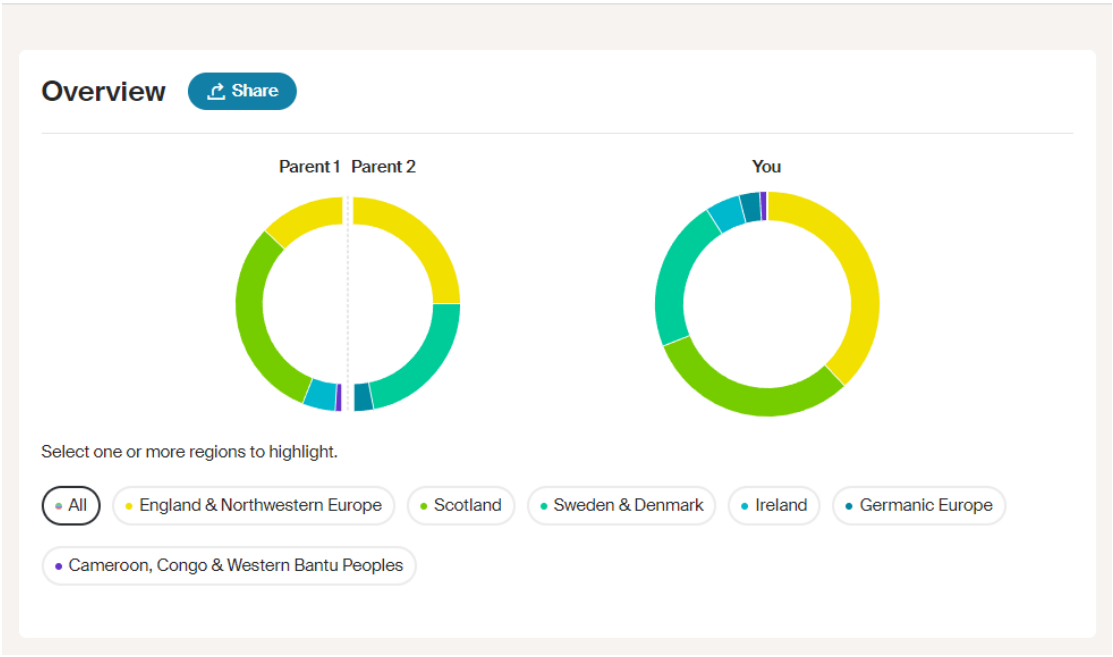
When you return after the first time...

2. Click Discover Your DNA Story from the DNA tab.

3. Scroll down to the Ethnicity Inheritance box and click View Breakdown.



Ethnicity inheritance



Now, you have two sides of your DNA slitting parental sides. This shows how your DNA was derived from each of your parents, (on the left) and your total ethnicity percentage estimates on the right, shown in the pie charts.

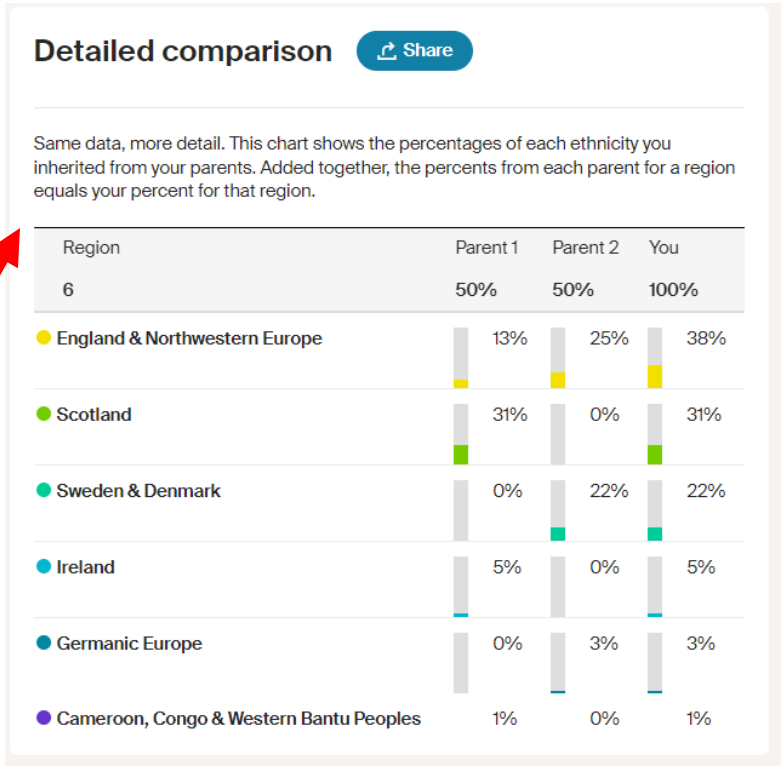
Ancestry can do this because of their large database has grown to more than 20 million test takers (as of 2022) with more than 95% accuracy on 90% of their DNA community.

Here you can click on the different regions to isolate just that region.

Scroll down to see how Ancestry breaks out your DNA ethnicity by region and percentage.

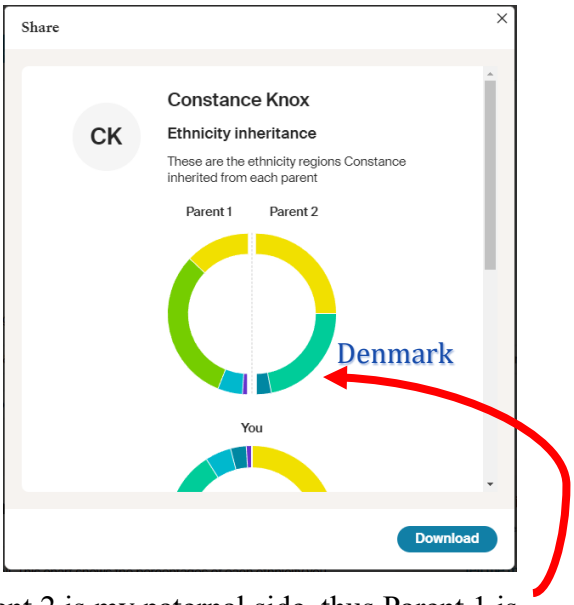
Notice it says Parent 1 and Parent 2.

Ancestry says this is **not an accurate estimate of your parents' ethnicity estimates**.



Share and Download

You can share and download your DNA Ethnicity Inheritance. Click the download button on the lower right.



If you have your parents are tested, they will show as matches and would be considered part of the process of grouping your DNA's parental sides.

Coming Soon

Label Parents

Soon you will be able to label your parents, once you figure out which side is which. For example, I know my father's side is from Denmark, thus I know that Parent 2 is my paternal side, thus Parent 1 is my maternal side.

Label Matches

Also coming, is the ability to label your matches (for about 85% of your DNA matches) down to 8cM.

Ancestry promises they will keep adding more features, but they are keeping a tight lid on the rest of their updates for now.

Limitations

Ancestry says that there may be some groups that are not able to be grouped. If parents are related is part of the group it may not be able to be grouped into genetic networks (or parental sides).

Endogamy

If there is the potential for endogamy, this may cause issues for Ancestry to properly divide your DNA ethnicity estimates into parental sides.

The expectation for grouping the paternal side from the maternal side is that about 50% of DNA matches will be grouped for endogamic families.

Conclusion

I think this is the start of something bigger. As more people test at Ancestry, the more data they can examine and find genetic matches grouping people into genetic networks. This will allow for future divisions of our ancestral lines. I suspect that it won't be long before they can split this same graph into our grandparents. Time will tell.