

Ears

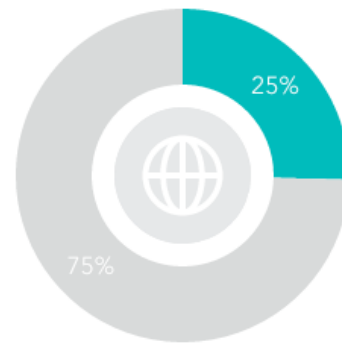
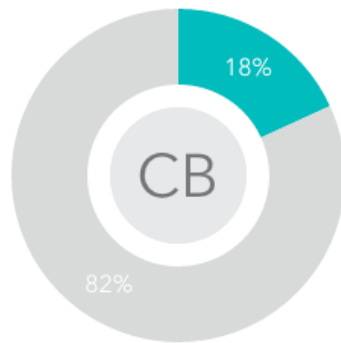
Find out what your DNA predicts for your earlobe shape.

Earlobe Type

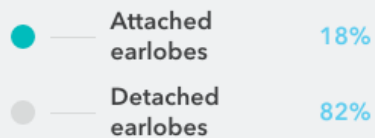
What You Can Do

Cordell, you are likely to have detached earlobes.

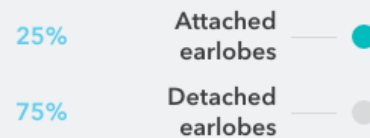
82% of customers who are genetically similar to you have detached earlobes.



Your genetic likelihood



European ancestry customers



This result best applies to customers of European descent. We analyzed over 50,000 customers who consented to research in order to identify genetic markers that affect earlobe type. Our prediction is based on your results at 32 genetic markers as well as your age and sex.

About Earlobe Type

Attached earlobes are firmly connected to the side of the head, while detached earlobes are only connected to the ear itself.



Biology

Earlobes are made up of fleshy tissue, primarily a combination of collagen and fat. The earlobe is the only part of the ear that does not contain cartilage, giving it a softer feel.



Detached earlobe



Attached earlobe



History

People have been modifying their earlobes by piercing and stretching since prehistoric times. The oldest known example may be "Otzi the Iceman," who was mummified about 5,300 years ago.



Other factors

You'll want to be all ears for these interesting facts.



Genetics



Aging



Evolution



Do more with your Traits results.



Help us develop more trait reports by contributing to research.

Contribute



Compare your results to your family and friends.

Compare



Join the discussion with other 23andMe customers interested in Traits.

Discuss

 Patent Pending

Your Facial Features

Scientific Details

[Methodology](#)

[About Your Results](#)

[References](#)

We use two different methods to calculate your trait results.

Statistical Model

Most traits are influenced by many different factors, including genetics, lifestyle, and environment. Usually, a statistical model using many factors provides better predictions than looking at single factors by themselves. To develop our models, we first identify genetic markers associated with a trait using data from tens of thousands of 23andMe customers who have consented to research. Then, we use statistical methods to generate a "score" for that trait using your genotype at the relevant genetic markers as well as your age and sex. We predict your likelihood of having different versions of the trait based on the survey responses of 23andMe customers with similar scores. These predictions apply best to customers who are of the same ethnicity as the people whose data contributed to the model. The accuracy of these predictions varies from trait to trait.

[Read more about our statistical methodology](#)

Curated Model

For some traits, just a few genetic markers can strongly predict whether a person will have a particular version of the trait. For curated models, we first evaluate published scientific studies to identify genetic markers with well-established associations with the trait. Then, we look at genetic and survey data from tens of thousands of 23andMe customers who have consented to research. We estimate your likelihood of having different versions of the trait based on survey responses from customers who are genetically similar to you at those markers. These results apply best to customers who are of the same ethnicity as the people whose data contributed to the predictions.

About your Earlobe Type result

Your result for this trait was calculated using a **statistical model**.

About the Earlobe Type model

Created based on customers of ethnicity: European
Number of customers used to create: 50,000
Number of markers: 32
Area Under Curve (AUC): 0.641
Non-genetic factors: Age, Sex

Bin #	Attached earlobes	Detached earlobes
1	49.84%	50.16%
2	39.72%	60.28%
3	37.32%	62.68%
4	35.27%	64.73%
5	32.97%	67.03%
6	30.03%	69.97%
7	28.96%	71.04%
8	27.82%	72.18%
9	25.70%	74.30%
10	25.66%	74.34%
11	23.65%	76.35%
12	23.04%	76.96%
13	20.93%	79.07%
14	19.78%	80.22%
15	18.16%	81.84%
16	16.80%	83.20%
17	15.87%	84.13%
18	13.78%	86.22%
19	12.35%	87.65%
20	9.69%	90.31%
Overall European	25.37%	74.63%

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