Mosquito Bite Frequency

alac, based on your genetics and other factors, you are likely to get about the same number of mosquito bites as others.

Some people may feel like they get more mosquito bites than the people around them. So what makes some people more attractive to mosquitoes than others? Genetics may be partly to blame.

Of people with results like yours:
- 35% report fewer mosquito bites than others.
- 39% report about the same number of mosquito bites as others.
- 26% report more mosquito bites than others.

One-sided attraction

Female mosquitoes have a complex olfactory system that lets them sniff out their food. As it turns out, mosquitoes have preferences! Mosquitoes are attracted to certain molecules in body odor and breath and depending on the proportions of these molecules, some people may appear more delicious to them. But keep in mind that everyone can get bitten by mosquitoes, which can carry diseases. So don't worry too much about it.

The model was further recalibrated to be more accurate when applied to people of African American, Hispanic or Laten, East Asian, Middle Eastern, and Ashkenaz Jewish decent using data from more than 420,000 23andMe research participants. The full statistical model used to calculate your result (which includes genetics, age, and sex) has an R² value of 4%. 

For comparison, models including genetics alone or demographics alone (age and sex) have R² values of 2% and 4%, respectively.

Scientific Details

Read More:

Keep in mind that these results from 23andMe research are preliminary and are meant for informational purposes only.