



24Genetics



Filip, this is your  
ancestry report

in Africa more than 120,000 years ago.

Our algorithm accurately traces the lineage of our "fathers," back to the dawn of our ancestors' paternal populations derived from multiple mutations inherited generation after generation, transmitted from fathers to male offspring, revealing male inheritance. This genetics shows us 2: Paternal Ancestry (males only): The paternal lineage, encoded on the Y chromosome, is

common maternal ancestor of all humans, who lived some 500,000 years ago in Africa.

distinctive mutations, we trace a line connecting all "your mothers" to Mitochondrial Eve, the lineage. Mitochondrial DNA is inherited exclusively through the maternal lineage. Through 4: Maternal Ancestry: By analyzing your mitochondrial populations, we unravel your maternal

your roots:

completes genetic, anthropological and social perspectives, offering a comprehensive view of linked to specific populations, revealing genetic and cultural connections. This analysis comparing your DNA to our database of global ethnic profiles. Each segment of your DNA is 3: Ethnic Ancestry: The exploration of your ethnic ancestry delves into your genetic heritage by

most closely related to your genetics:

deduced and dated by carbon-14 testing. The report highlights the three ancestral cultures matches your genetic profile with our database of archaeological remains, accurately ancestors over eight periods, starting from prehistoric times. The sophisticated algorithm 5: Historical Ancestry: Our historical ancestry test allows you to trace the origins of your

the large number of regions covered on all continents:

800 years ago, excluding the last 520 years. Our algorithm is distinguished by its precision and in the current geographic context. We analyze your ancestry in an average time frame of about 1: Geographic Ancestry: in this section you will be able to discover the origin of your ancestors

most advanced technology available. The report is broken down into the following sections:

This ancestry report provides a comprehensive analysis of our genetic heritage, backed by the shedding light on our ancestral roots:

advanced genetic technology, we can identify and understand some of these mutations, transmitted and inherited in their descendants to the present day. Using 54Genetics, Certain mutations, which may have arisen in an individual thousands of years ago, have been genome has undergone both random and evolutionary modifications over the centuries, adapting and refining its DNA according to the specific conditions of each region and era. Our more than 500,000 years ago, our species has colonized different corners of the planet. Humans, like other species, are constantly evolving. Since the dawn of Homo sapiens in Africa heritage that has been consistently passed down from generation to generation over millennia.

Our DNA holds the keys to unraveling these questions. Genetically, we are the reflection of a

Who are we and where do we come from?

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## Introduction

## INTRO

6. Neanderthal DNA: For several millennia (between 40,000 and 30,000 years ago), Neanderthals and humans coexisted in Europe and Asia, sharing genetic material. After mapping the Neanderthal genome in 2010, we understood this genetic relationship. With our test, discover how much Neanderthal DNA is present in your genetic map and explore the ancestral connection with these ancient inhabitants.

If you want to know more about our ancestry test you can check out our Q&A section here: <https://24genetics.com/ancestry-dna-test/>

We hope you like it.





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