



Ancestry Prediction Services Section Front Page

?Accurate characterization of ancestry will allow investigators conducting genetic association studies to identify stratification in study subjects and avoid false positive genotype-phenotype associations. Lineage testing can trace your ancestry back to real existing people who carried that particular DNA type throughout prehistory until today. But these methods have a drawback. They account for only a small portion of a person's ancestry. Mitochondrial testing traces a person's mother, maternal grandmother, maternal great grandmother, and so on. Similarly, Y chromosome testing traces only one line of a person's male ancestry, starting with a man's father, his paternal grandfather, paternal great grandfather, and so forth. While using DNA testing to learn about your genetic family tree is one thing, hanging one's entire identity on a genetic test is problematic. DNA may hold information to help make new discoveries about your family's past, your cultural roots, as well as confirm information in your family tree.