

RESOURCES - DNA FOR GENEALOGY

DNA TESTING COMPANIES (these are the major testing companies, but there are others)

- **Ancestry** – www.ancestry.com Autosomal testing only. This site has the largest DNA database but does not offer a chromosome browser. The focus is on member trees. There is a shared matches tool, as well as a ThruLines tool, which incorporate both DNA and trees in their conclusions. You can attach DNA matches to your family tree. Ethnicity estimates. Ancestry does not accept DNA transfers from other companies.
- **FamilyTree DNA**- www.ftdna.com Autosomal, Y-DNA & Mt-DNA testing. This site offers the opportunity to build a family tree and attaches your DNA matches. It offers chromosome browser, chromosome painter, and a shared matches tool. FTDNA allows autosomal DNA transfers from other companies. It also has Surname, haplo group and geographical Projects
- **23 & Me** – www.23andme.com Autosomal testing only. This site emphasizes DNA for health testing, but also offers a chromosome browser, and tools for evaluating shared DNA. 23 & me allows you to build a family tree and attach your DNA matches. It does not accept DNA transfers.
- **My Heritage** – www.myheritage.com Autosomal testing only. Ethnicity estimates. Color coding for matches. Shared matches, chromosome browser, Theories of family Relativity, A unique feature with shared matches, it that it shows relationship between both yourself and your shared matches. Accepts DNA transfers
- **Living DNA** – www.livingdna.com Autosomal DNA, Y DNA & MtDNA are included in the test. Focuses largely on the United Kingdom. Ethnicity estimates. There are no trees. DNA relatives. Shared matches. Estimated relationships tool. Accepts DNA transfers. This site is still being developed.

More information on the comparison of the five main testing companies can be found at:

www.isogg.org/wiki/Autosomal_DNA_testing_comparison_chart

BOOKS (there are others, but these are the best)

“The Family Tree Guide to DNA and Genetic Genealogy, 2nd Edition” by Blaine Bettinger. A Clear and concise guide to the DNA tests provided by the various companies, tips to understanding your test results, and how to use third-party tools.

“Genetic Genealogy in Practice, 2nd Edition” by Blaine T. Bettinger & Debbie Parker Wayne. The first workbook on genetic genealogy offers practical, easy to understand information to apply to research. Each chapter includes exercises with answer keys for hands-on practice.

“Your DNA Guide” by Diahann Southard. This book presents a unique approach to learning genetic genealogy. Instead of learning in a textbook style, you choose a specific DNA question and follow the step by step plans as you go.

WEBSITES with TOOLS to use to help you evaluate and interpret DNA

ISOGG (International Society of Genetic Genealogists) WIKI - <https://isogg.org/wiki>: Offers an online genetic genealogy encyclopedia of current Genetic Genealogy Resources, including databases, books, blogs, videos,

interest groups, and various DNA tests. This is a free site, which is continually updated by its contributing members.

Gedmatch - www.gedmatch.com: Offers a free DNA comparison and analysis website for people who have tested their autosomal DNA using a testing company such as 23andMe, Ancestry, etc. It also has tools for measuring ethnicity, and comparison of matches between companies and it offers a free chromosome browser. There is also a premium level, with additional tools that is available for a monthly charge of \$10 per month

DNA Painter - <https://dnapainter.com>: An easy to use that helps make sense of DNA testing by mapping segments of DNA to chromosomes. Also has free tools such as the Shared CM Project, and WATO (What Are The Odds). This site offers a few free webinars to teach you how to use their tools. There is also a premium level which is available for \$55 for 12 months.

The Leeds Method - <https://danaleads.com>: The Leeds Method is a way of clustering your DNA matches to try and highlight clusters or groups that match to grandparent lines. This is an easy to use, free site.

DNAGedCom - www.dnagedcom.com: This site allows the user to analyze their data. Downloads are accepted from all the major testing companies. However, their main tool, ADSA (Autosomal DNA Segment Analyzer) works only with Gedmatch and FTDNA tests. Registration and payment are now required to use this tool.

Geneanet - <https://en.geneanet.org>: This is a European based autosomal research service headquartered in France. It allows users to upload DNA files from the major DNA companies and compare with others. This site has both a free and premium payment level.

GDAT (Genealogical DNA Analysis Tool) - www.getgmp.com: This is an app that houses a database of autosomal DNA downloaded from various testing companies and provides tools for family history research. This tool is not for beginners, and is a replacement for the now defunct Genome Mate Pro.

Genomelink - <https://genomelink.io>: This company accepts DNA from all the major companies and provides additional DNA analysis, including health traits, deep ancestry etc. This site has both a free and premium payment level.

WEBSITES AND/OR NEWSLETTERS OR BLOGS

DNA Testing Adviser – <https://dna-testing-adviser.com>: **A Free Information Resource for Adoptees, Genealogists and others Exploring Genetic Roots.**

DNAeXplained - Genetic Genealogy (Roberta Estes) - <https://dna-explained.com/>: Articles about the latest developments in genetic genealogy, as well a section for Q & A.

The Genetic Genealogist (Blaine Bettinger) - <https://thegeneticgenealogist.com/>: This website examines the intersection of traditional genealogical techniques and modern genetic research.

Segment-ology (Jim Bartlett) - <https://segmentology.org>: A website with blog about segments, chromosome mapping and triangulation. Free.

Your DNA Guide (Diahan Southard) - <https://www.yourdnaguide.com/>: A website with a free blog & newsletter. Free to full-service genetic genealogy education for family historians.

WEBINARS & CONFERENCES

ConferenceKeeper - <https://conferencekeeper.org/>: The most complete calendar of genealogy events online.

Legacy Family Tree Webinars (Live are free and available free for a week) - <https://familytreewebinars.com/>

RootsTech Conference DNA BLOGS and Videos including Archives - RootsTech Conference is free; March 3, 2022
Registration: <https://www.familysearch.org/rootstech/next/>

YouTube - There are numerous DNA webinars available on YouTube. I have listed just a few of them below. You can find others by going to YouTube and googling DNA.

Amoeba Sisters – DNA, Chromosomes, Genes and Traits

Blaine Bettinger

Diahan Southard

Family History Fanatics

Genealogy TV

FACEBOOK GROUPS (Our own is OBCGS DNA Working Group)

AncestryDNA

AncestryDNA Matching

AncestryDNA ThruLines

International Society of Genetic Genealogy (ISOGG)

DNA Painter User Group (Jonny Perl, Tool Maker and Administrator)

DNA Testing Adviser – A fan page for the DNA Testing Adviser website

DNA Detectives (CeCe Moore - Genetic Genealogist, Administrator)

FTDNA User Group (not sanctioned by FTDNA)

GEDmatch GENEALOGY and Ancestry Group

GEDmatch.com User Group

Genetic DNA for Dummies

Genetic Genealogy Tips & Techniques (Blaine Bettinger, Administrator)

International Society of Genetic Genealogy (ISOGG)

Living DNA Users

Mitochondrial DNA for Genealogy (Roberta Estes, Administrator)

MyHeritage Users Group (not MyHeritage's official page)

MyHeritage (official)

The Visual Phasing Working Group

Technology for Genealogy

WikiTree Members Group

Your DNA Guide – Helps turn DNA test results into meaningful family connections.