

## DNA CASE STUDIES and NEW THINGS TO NOTE WITH DNA TESTING SITES

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### I. Books and Articles for DNA study and examples/case studies

Bettinger, Blaine T. *The Family Tree Guide to DNA Testing and Genetic Genealogy, 2<sup>nd</sup> Edition* (Cincinnati: Family Tree Books, 2019). His website [www.thegeneticgenealogist.com](http://www.thegeneticgenealogist.com) includes his centimorgan chart 4.0 (2020).

Southard, Diane. See her website [www.YourDNAGuide.com](http://www.YourDNAGuide.com), her book of the same name, and various other publications. She is good at explaining DNA.

Thomas, Kenneth H., Jr., two articles on case studies: “How I Used DNA in My Own Genealogy, Part One, Y-DNA,” and “... Part Two, mtDNA,” *Georgia Genealogical Society Quarterly* 57 no. 2 (Summer 2021) and no. 3 & 4 (Fall/Winter 2021). For his lecture “Adoption and Genealogy” (2022), see Georgia Archives YouTube channel.

Weinberg, Tamar. *The Adoptee’s Guide to DNA Testing* (Family Tree Books, 2018.).

*FamilyTreeMagazine*, published six times a year, has a section in each issue, “DNA Q & A” by Diahann Southard, leading expert. Well worth reading.

The *National Genealogical Society Quarterly* has published over the past 10 years a number of in-depth articles using DNA as proof. The *NGS Magazine*, published quarterly, always contains an article “DNA Discovery” by Paul Woodbury that are well worth reading.

### II. Blogs, Websites, etc. (name of) for DNA education and training

A. GenealogyTV.org by Constance Knox has some great programs that explain in depth many DNA features, tests, etc.

B. ISOGG.org (International Society of Genetic Genealogy) contains a wealth of information on all aspects of DNA. Also has the Bettinger Chromosome Chart. There is more on this site than you can ever read, check it out.

C. YouTube (free) contains a zillion DNA videos, so be sure to search there.

### III. DNA Testing Sites-things to remember and new features, updates:

#### A. Ancestry.com

1. Fan-style Chart tree now available. Can use for various subsets of your tree.
2. DNA Tab-study all the options, esp. ThruLines. Set up Groups under Matches.
3. By Parent, dividing DNA matches into Maternal and Paternal now for paying members only. Special price offer for those who are not full members.
4. Ethnicity inheritance area has a Chromosome Painter. Is it useful?
5. SideView feature, study the information on assigning ethnicity per parent.

## **B. FamilyTreeDNA.com**

1. Multi-Kit Terms of Agreement for those who manage DNA kits that are not their own DNA, very important to pay attention to, sign, file with them. Also, be sure to have someone down as beneficiary, successor to your DNA account.
2. Always check the HELP area to learn more about the various areas of the site.
3. Y-DNA new things: Reports (educational and charts), FTDNA Tip Report expanded, Group Time Tree (new). Don't forget to review Group Projects for your surname/Y-tested persons. Need to join, analyze.
4. Blogs on the site with dozens of well-written essays on various aspects of their tests and other aspects of DNA and genealogy.

## **C. LivingDNA.com**

1. Chromosome Browser (new) works if you create groups among matches.
2. Very low number of matches found there.
3. Has no way to add a family tree or any information about a match's background, roots.

## **D. MyHeritage**

1. Basic plan, view, without resubscribing.
2. Chromosome Browser is useful. Can select 7 matches to compare.
3. Theory of Family Relativity shows how kin if not known to you.
4. Auto Clusters-another way to compare matches.
5. Relationship feature: Shows how matches relate to each other when they do.

## **E. 23andMe**

1. Chromosome Browser, select to match. Not as easy as other sites. Have to find "Compare Your DNA with Close and Distant Relatives."
2. Family Tree view is a bit hard to interpret.
3. Matches limited to 1500 unless you're "connected" Can go to 5,000 for fee.

## **IV. Third Party Sites**

### **A. GEDmatch**

1. Have to transfer in, not automatic.
2. Free tools; more via Tier One (\$100 yr.). Numerous ways to compare DNA results. Some hard to easily figure out. Watch the videos.

### **B. DNAPainter**

1. Be sure to watch the YouTube (free) videos where Jonny Perl, the creator of this site, is interviewed, as he is tweaking the site all the time. Especially see "What's New at DNA Painter" on the website home page.
2. Chromosome Map-you can create one map for free, to do more, you have to get a subscription, either 6 months, or a year. (\$55) In using this, be sure you plan ahead to maximize the usefulness to your research.
3. WATO (What are the Odds) feature is helpful in analyzing DNA hypotheses.