Taking Ancestry DNA to the Next Level
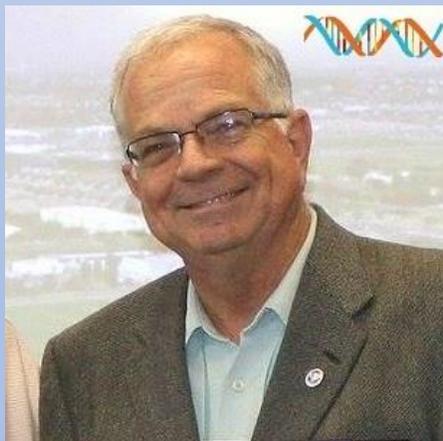
Ken waters

@familytreeaz

http://familytreeaz.com/presentations

February 2025

All slides and handouts can be found at:
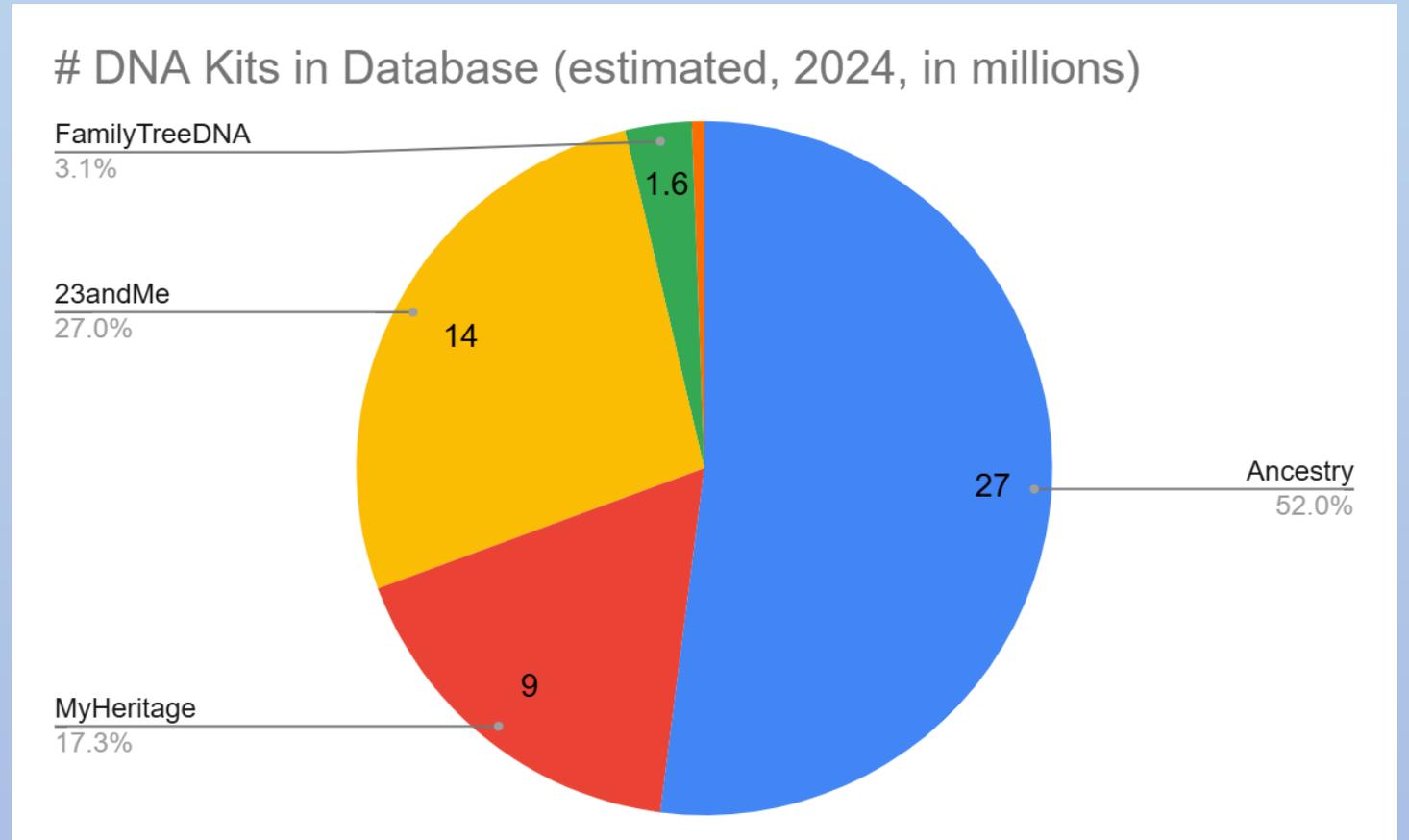http://www.familytreeaz.com/Presentations/

QR Code: take photo to open to presentations

Variety of Topics

- Downloading your match list
- Different types of subscriptions and add-ons
- Linking a tree to your DNA kit
- Timber algorithm
- ProTools
- ThruLines
- SideView
- Ways to save money

Ancestry DNA

- Most DNA tests in their database: 27 million as of 2025

- Excellent family tree tools with many trees

- Primarily best for American DNA test-takers
  - Most matches for those with colonial roots

DNA Kits in Database (estimated, 2024, in millions)

FamilyTreeDNA
3.1%

1.6

23andMe
27.0%

14

Ancestry
52.0%

27

MyHeritage
17.3%

9

Data from https://isogg.org/wiki/Autosomal_DNA_testing_comparison_chart

Ancestry Features

- Family Trees

There are **over 100 million** family trees on Ancestry®, most of which are public. Family trees can contain a wealth of information, but they're only as accurate as the tree creators made them. Trees created by Ancestry members are not checked for accuracy.

Ancestry® Support
https://support.ancestry.com › article › Searching-Public-...

Searching Public Family Trees - Ancestry® Support

- Research Databases
  - Over 33,000 databases

Card Catalog

Searchable listing of all record collections

Results 1-25 of 33,725   Sort By Date Added ▼

Title	Category	Records
Haute Vienne, France, Births, Marriages, and Deaths, 1559-1936 (in French)	Birth, Marriage & Death	17,708,877
Ballymena, Antrim, Northern Ireland, Internments, 1875-1934	Birth, Marriage & Death	9,599
Pawtuxet Valley, Rhode Island, U.S., Periodical Clippings, 1974-2022	Birth, Marriage & Death	228,575

- DNA
  - Ethnicity (now called Origins)

- **DNA Kit Matching**

- Pet DNA

Breeds & Health
Know Your Pet DNA
→ Health
→ Breeds
→ Traits
→ Matches
⊕ Learn More
$149*
Buy now
Excludes shipping.

Breeds
Know Your Pet DNA
→ Breeds
→ Traits
→ Matches
⊕ Learn More
$99*
Buy now
Excludes shipping.

Already taken breeds test, and want health? Login to upgrade.

Ken Waters ˅   Compare   Invite

Summary   Origins   **Matches**   Traits

All By parent By ancestor By location

Go to [DNA] Waters Tree Email:eatwatcher.gen@gmail.com   ⇅ Filter + Create group Q Search ↑↓ Sort

Parent/Child

Jo	Mother / Maternal side / 3,474 cM | 50% shared DNA	Public linked tree / 2,799 people / Common ancestor	+ Add	
Mother, 34				
Pa	Daughter / Both sides / 3,470 cM | 50% shared DNA	Public linked tree / 2,799 people / Common ancestor	+ Add	
Daughter, :				
Na	Son / Both sides / 3,466 cM | 50% shared DNA	Public linked tree / 2,799 people / Common ancestor	+ Add	
Son, 3466				

Full Sibling

| Fr | Brother / Both sides / 2,491 cM \| 41 - 48% shared DNA | Public linked tree / 2,799 people / Common ancestor | + Add |
| Brother, 24 | | | |

Close Family

En	Uncle / Paternal side / 1,583 cM | 23% shared DNA	Public linked tree / 2,799 people / Common ancestor	+ Add
Paternal U			
Ma / Ma	1st cousin / Paternal side / 941 cM | 13% shared	Public linked tree / 74 people / Common ancestor	+ Add
1st cousin, ...hter of paternal uncle Kenny. 941/36.			
Mi	1st cousin / Paternal side / 716 cM | 10% shared DNA	Public linked tree / 2,799 people / Common ancestor	+ Add
1st cousin, ...nie. 716/23.			
Lin	1st cousin / Paternal side / 604 cM | 9% shared DNA	Public linked tree / 11 people / Common ancestor	+ Add
604/23, 1C			
Do	Half niece / Paternal side / 584 cM | 8% shared DNA	Public linked tree / 34 people / Common ancestor	+ Add
My half-nie... dad, Richard Waters and his first wife...			

# Automatic (Included) Features of Having a DNA Kit on Ancestry

- DNA Matching with others in the database
  - Amount of shared DNA as measured in centiMorgans (cM)

- Ability to build a family tree and attach it to your DNA kit to help others find a common ancestry
- Ability to message your DNA matches
- Ancestral Regions and Journeys
- Ability to add notes to the DNA match


- All free for the price of a DNA kit
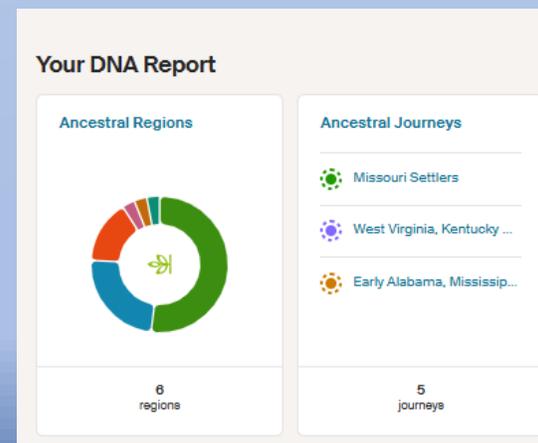
Downloading match list

- Various methods exist with varying difficulty and usefulness
  - These often change or become useless with each change of Ancestry's data structure
- My go-to:
  - DNAGedcom
  - Cost: $5/mo or $50/yr
  - Clean way to download all (or selected amount) of your matches into a spreadsheet

What is DNAGedcom?

- Website:
  http://dnagedcom.com

- Requires downloading a client to your Windows PC or Mac (note: I have only used the Windows version)

- Allows downloading full match data from Ancestry as well as other online services (subject to change)
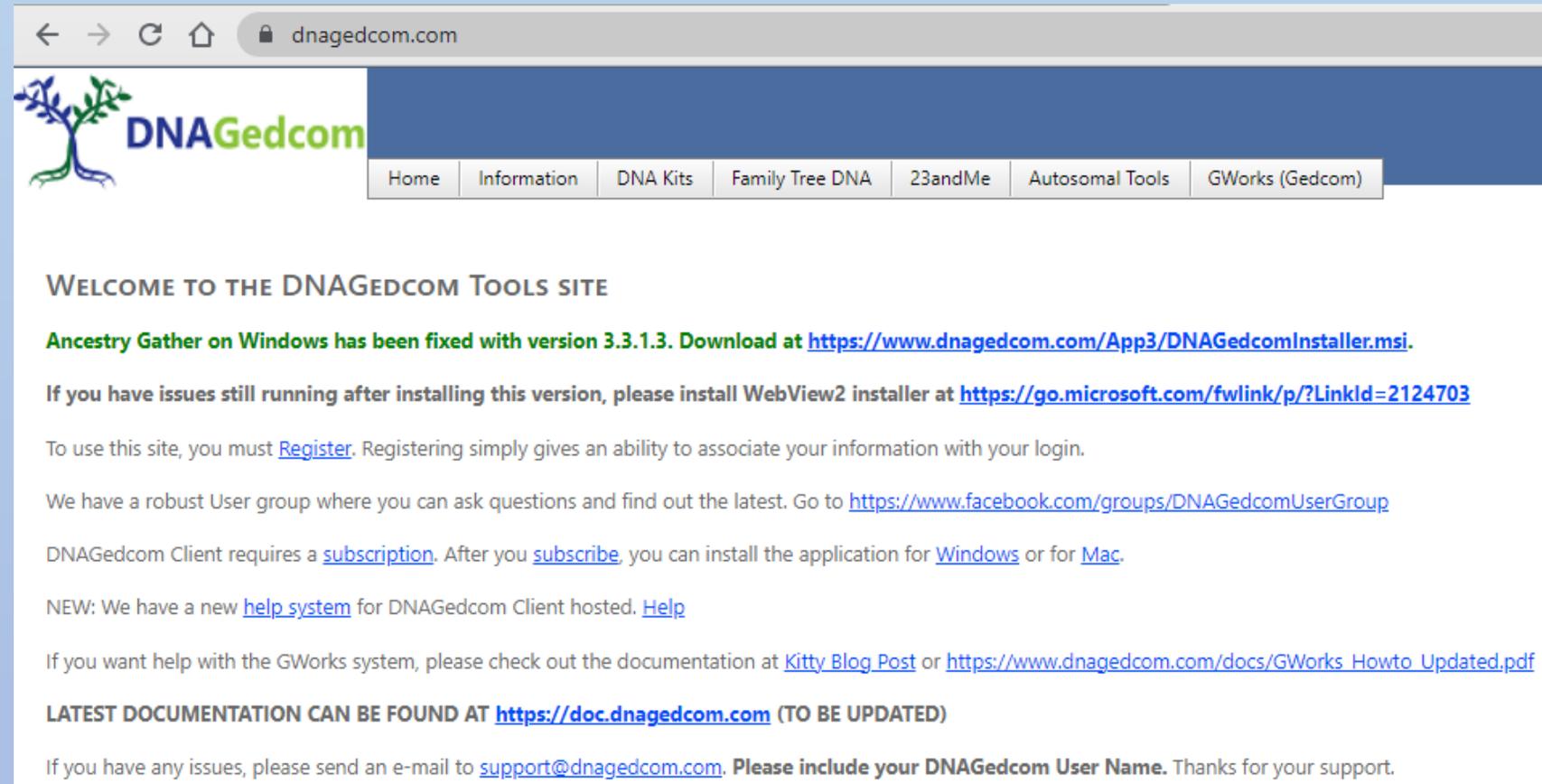
Special note: this program requires frequent updating due to changes in Ancestry rules and file formats. Luckily it is very carefully administered by Rob Warthen and his team.

Special Note!

- Using this application requires extensive "hits" to the Ancestry database
  - A few years ago Ancestry cracked down on several applications like this, resulting in removal of access for the applications
  - Ancestry allows DNAGedcom to run this client but at *reduced speeds* in order to prevent overtaxing the server at Ancestry

Step 1: Download and Open the client and log in

- https://dnagedcom.com/

DNAGedcom Client requires a subscription. After you subscribe, you can install the application for Windows or for Mac.
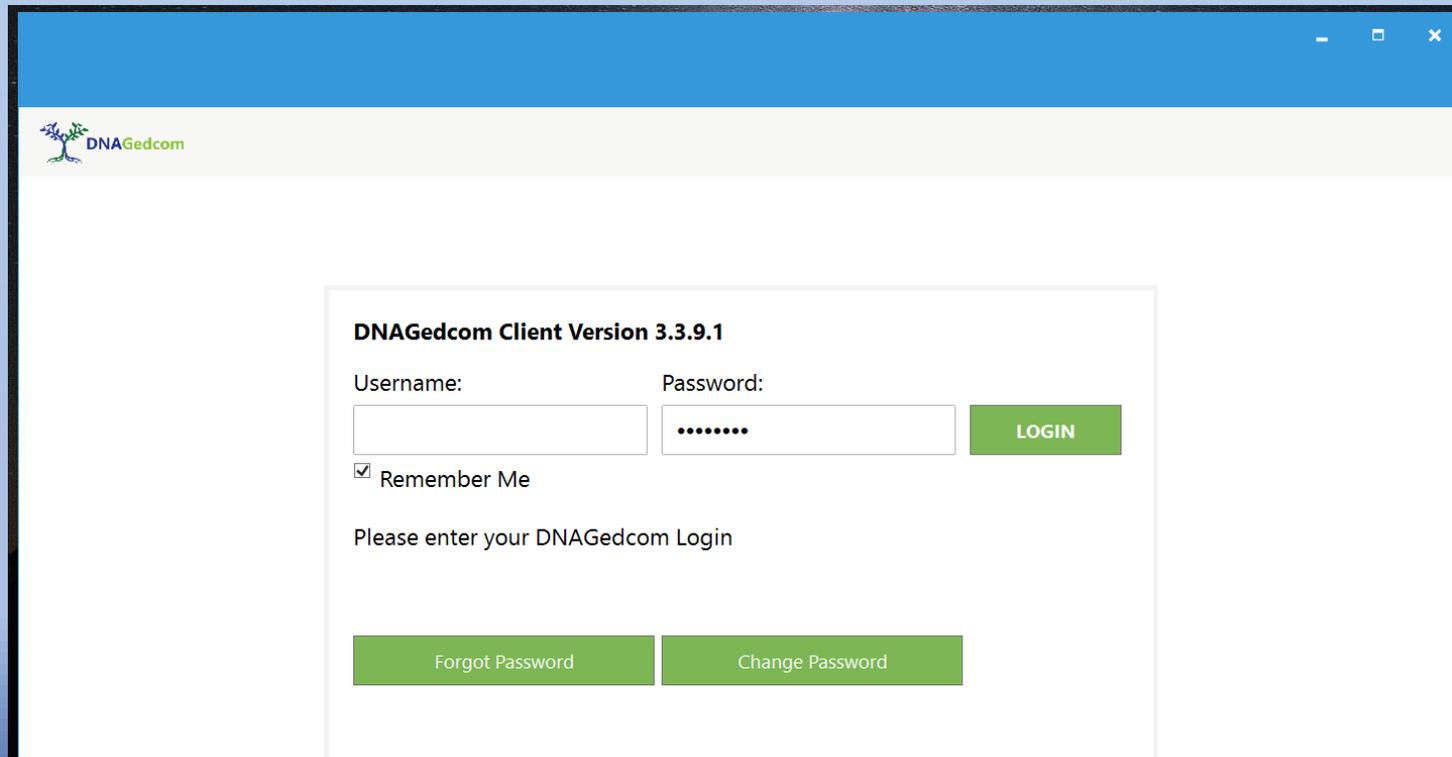
DNAGedcom

DNAGedcom Client Version 3.3.9.1

Username: Password:

[   ]   [••••••••]   **LOGIN**

☑ Remember Me

Please enter your DNAGedcom Login

Forgot Password   Change Password

Step 2: Log into Ancestry (inside of DNAGedcom)

- Click "Gather" and then "Ancestry"

Step 2: Log into Ancestry (inside of DNAGedcom)

Important Note: your credentials are not stored on DNAGedcom server but rather your own computer. This is one reason this application is allowed by Ancestry.

Step 3: Select options and run the Gather

- I recommend:

  - "Gather ICW"

  - Enter a minimum cM value

  - Not entering a minimum cM value will default to all matches down to 8 cMs and can take hours to run

Ancestry Login

Web Login

You are logged into Ancestry

Profile   Ken Waters

cM Range   minimu to maximu
Gather ICW   ☐   Clear ICW   Gather DNA Data
Gather Trees   ☑   Clear Tree   Run Report
Gather Ethnicity ☐   Clear Ethni   Sync to GF

cM Range   20   to   maximu
Gather ICW   ☑   Clear ICW   Gather DNA Data
Gather Trees   ☑   Clear Tree   Run Report
Gather Ethnicity ☐   Clear Ethnicity Sync to GF

Cancel

Step 4: All done with Gather

- This example for all matches on my kit down to 20 cMs took about 10 minutes to run

- If you selected ICW then it will take a bit more time to run the ICW report

Running Report ICW - 0% Complete 1 of 3
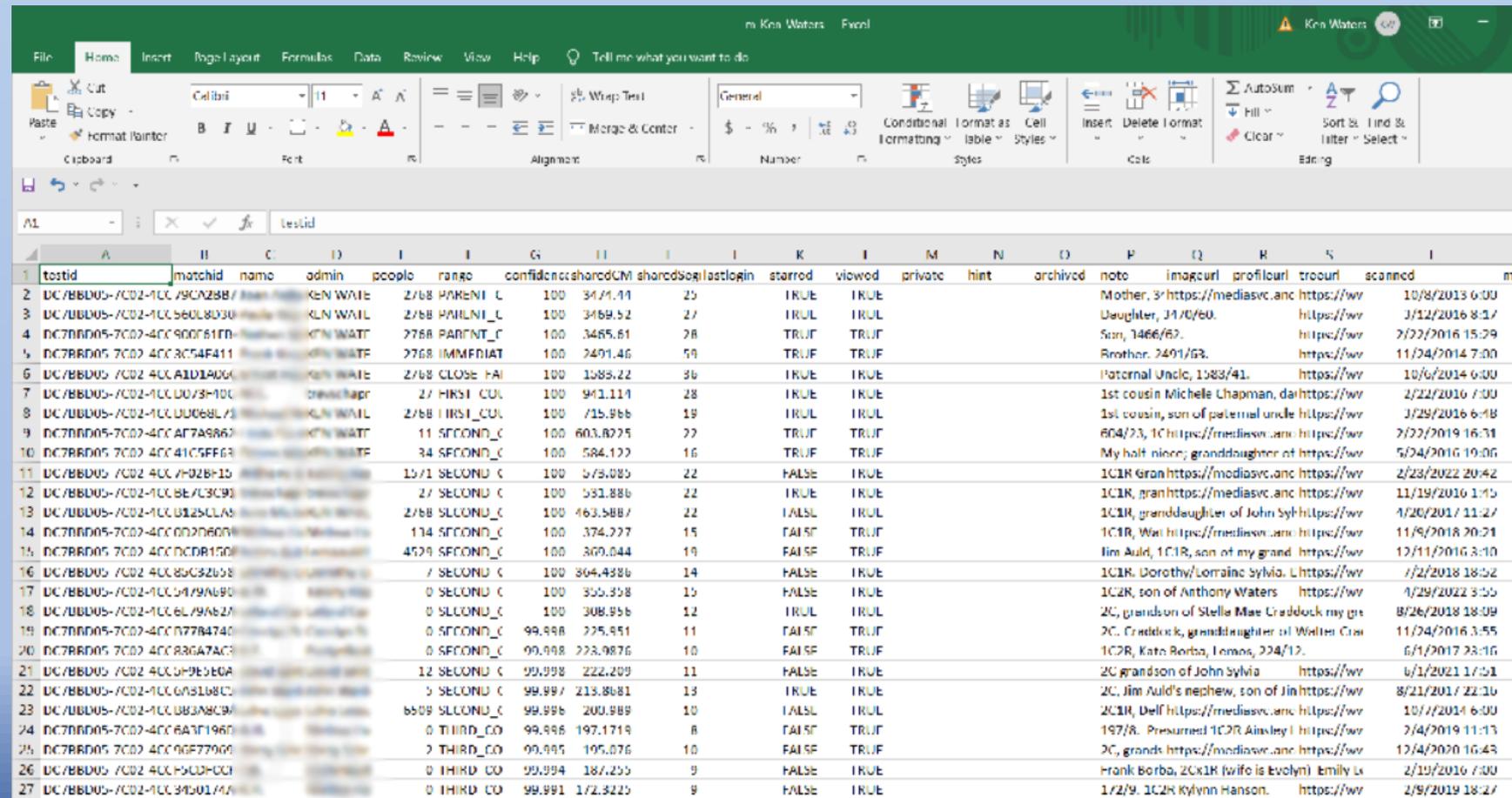
Creating Ancestry Reports Completed

Result is 3 CSV Spreadsheet Files

- "m" file is the spreadsheet with all the matches
- "a" file is the spreadsheet with tree data
- "icw" is the file showing shared match data

Name	Date modified	Type	Size
a_Ken_Waters	5/3/2023 1:03 PM	Microsoft Excel Co...	6,149 KB
icw_Ken_Waters	5/3/2023 1:03 PM	Microsoft Excel Co...	4,422 KB
m_Ken_Waters	5/3/2023 1:01 PM	Microsoft Excel Co...	466 KB
DNAGedcom	5/3/2023 1:01 PM	Data Base File	1,076,756 ...

The "m" file contains all the matches gathered

- This file can now be manipulated and incorporated into other spreadsheets such as documenting shared networks

The "a" file contains data for trees of your matches

The "icw" file has all the shared match data

Timber

- ## What is Timber?
  - ### An algorithm to try to remove segments that are common to many other matches

Timber mostly filters out shorter segments of shared DNA

The DNA you share with your matches is distributed across segments of DNA. If you think of you and your match's DNA like two books, shared DNA segments are like identical sentences or paragraphs in both books. The length of the longest segment you and a DNA match have in common can help determine your relationship. Sharing fewer, longer segments usually indicates a closer relationship. Shorter segments of shared DNA can indicate a distant relationship or identical DNA due to a shared region.

When we looked at the shared DNA segments removed by *Timber* for a study of 300,000 Ancestry customers, we saw that most of the removed segments are shorter (<10 cM). See the chart below.

Sizes of matching segments filtered by *Timber*

Size of segment (in cM)	Proportion filtered by Timber
5-6	0.95
6-8	0.81
8-10	0.68
10-12	0.48
12-15	0.35
15-20	0.23
20-30	0.15
30-40	0.04
40-50	0.01
> 50	0
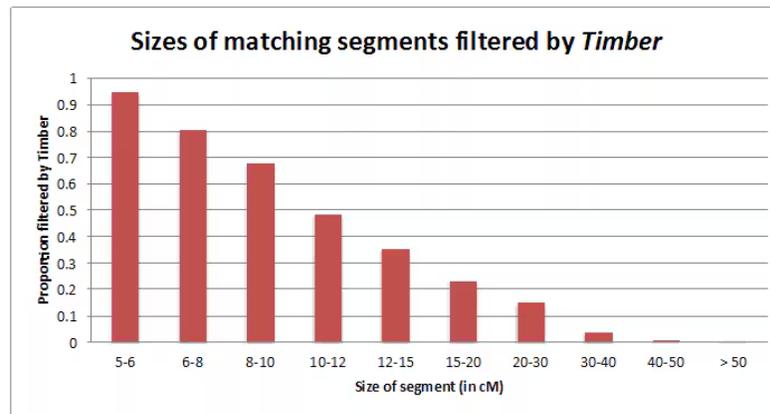
However, we also found that in some cases, longer identical segments (>15 cM) were also removed by *Timber*. What this shows is that there is much more than just the sizes of the identical DNA segments to consider when trying to identify shared DNA from a recent common ancestor.

Timber

- To find the centiMorgans shared before the Timber algorithm is applied, click on the cM label

You and s R

Half 2nd cousin 3x removed or 3rd cousin 2x removed

< 1% shared DNA: 16 cM across 1 segments

Message   Edit Relationship

⬤ ⊕ Add/edit groups ☰ Add note

You and s R

Predicted: half 2nd cousin 3x removed or 3rd cousin 2x removed

- Shared DNA: 16 cM across 1 segments
- Unweighted shared DNA: 23 cM
- Longest segment 23 cM
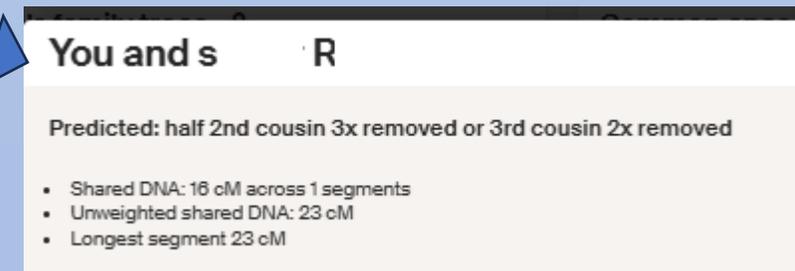
After Timber ➡ Shared DNA: 16 cM across 1 segments

Unweighted shared DNA: 23 cM

Before Timber ➡

Longest segment 23 cM

Real Timber Example

- sR match to my Mom's kit, 16 cMs
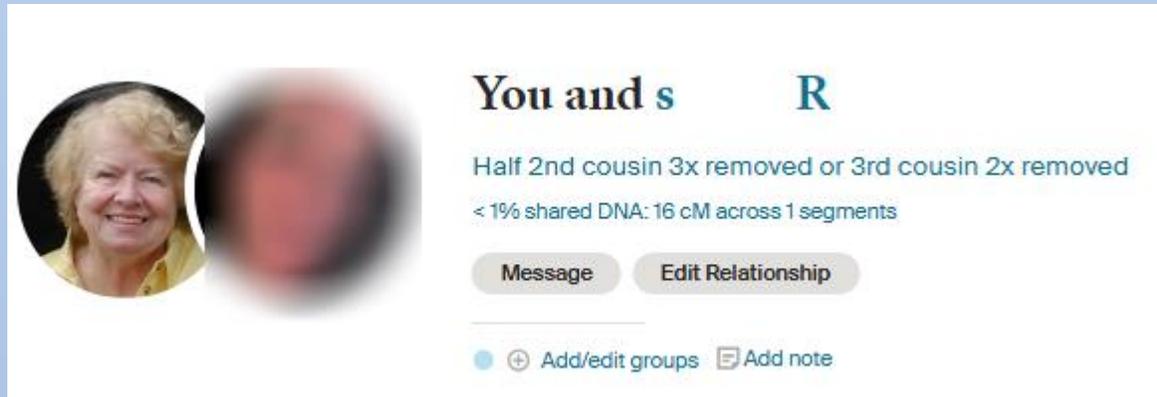
You and s   R

Half 2nd cousin 3x removed or 3rd cousin 2x removed

< 1% shared DNA: 16 cM across 1 segments

Message   Edit Relationship

⊕ Add/edit groups   ▣ Add note

You and s   R

Predicted: half 2nd cousin 3x removed or 3rd cousin 2x removed

- Shared DNA: 16 cM across 1 segments
- Unweighted shared DNA: 23 cM
- Longest segment 23 cM

Ancestry split a 23 cM segment in half, reducing it to 16 cMs

- sR match to me, 23 cMs
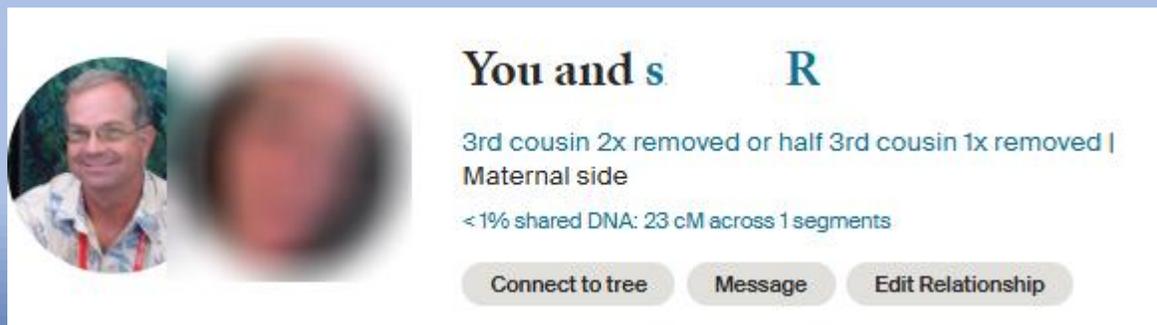
You and s   R

3rd cousin 2x removed or half 3rd cousin 1x removed | Maternal side

< 1% shared DNA: 23 cM across 1 segments

Connect to tree   Message   Edit Relationship
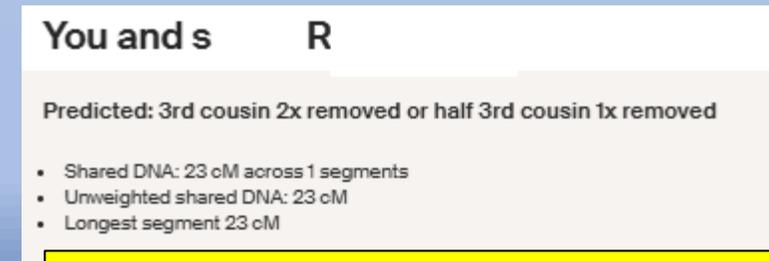
You and s   R

Predicted: 3rd cousin 2x removed or half 3rd cousin 1x removed

- Shared DNA: 23 cM across 1 segments
- Unweighted shared DNA: 23 cM
- Longest segment 23 cM

Ancestry did not split the same 23 cM segment in her son!

Another Timber Example
(new match 2/18/2025)

Post-Timber and Pre-Timber

Post-Timber ■   Pre-Timber ■

AR Match 2/18/2025
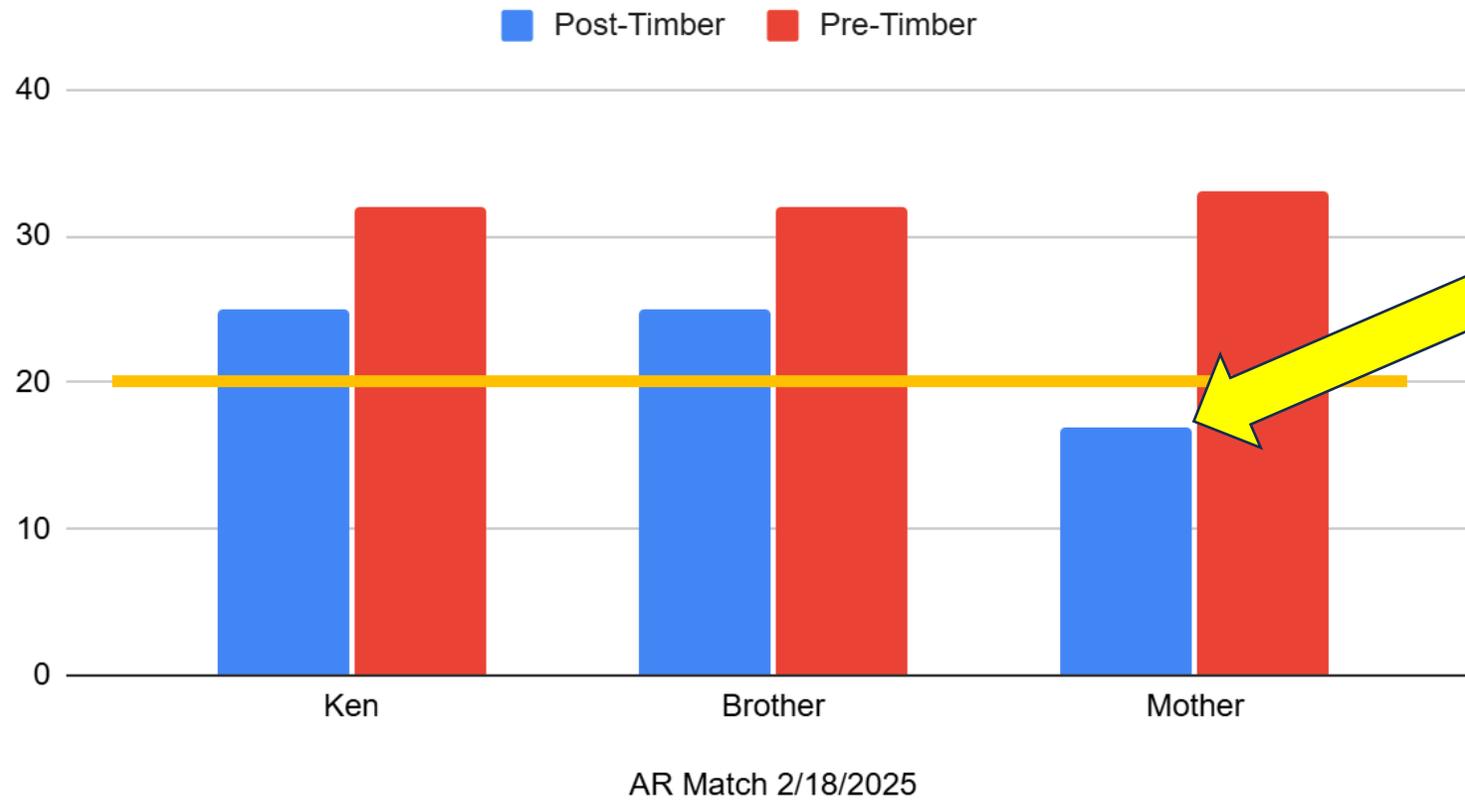
Timber cuts the parent's segment below 20 cMs but not those from the two children. This results in erroneously removing the match from the mother's close matches list!

ProTools

- Contains a variety of useful tools

Ancestry® Pro Tools Membership

Take your research to the next level with Ancestry® Pro Tools. This add-on membership gives you access to advanced DNA and family history tools designed to improve your tree's accuracy and showcase the people in your tree like never before.

What's included

Ancestry Pro Tools requires an active Ancestry family history membership. Family history memberships give you access to paid records, other member trees, and some DNA features.

Pro Tools provides access to advanced DNA and family history tools, including:

- **Tree checker:** Find potential duplicates and possible errors in your tree.
- **Smart filters:** Search, group, and sort people in your tree using key details beyond names.
- **Charts & reports:** Create and share detailed family histories.
- **Tree mapper:** See where people in your tree lived in relation to one another.
- **Tree insights:** Discover familial trends and see patterns in your tree.
- **Enhanced shared matches:** See how much DNA your matches share and their predicted relationships to each other. (Separate DNA kit purchase required to access this feature.)

ProTools -- TreeChecker

- While not a DNA tool it can help a lot to clean up your tree

| Quackenbosch, Pieter | 1702 Albany, New York, USA | 1772 Niskayuna, Albany, New York, United States |
| Quackenbush, Pieter Johannese | from 1678 to 1680 Albany, Albany, New York | 20 July 1748 Albany, Albany, New York |

Likely not a duplicate
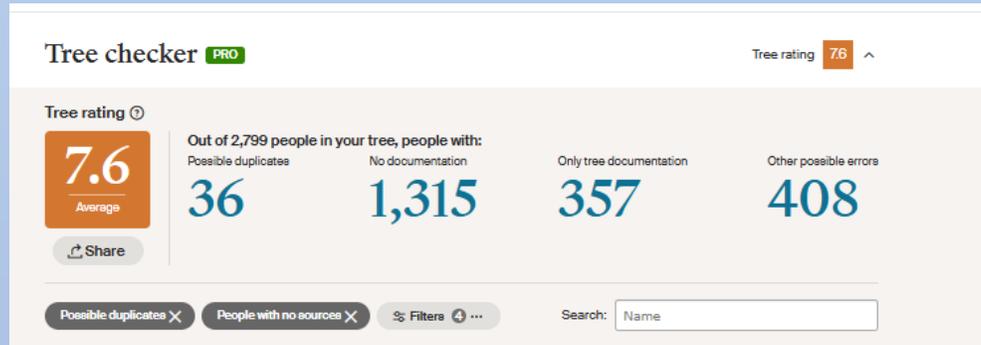
- It takes a lot of time to go through all these but can help improve your linked tree

| Goode, Mary | 1720 Whitby Plantation, Richmond, Virginia, USA | 1758 Albermarle, , Virginia, USA |
| Goode, Mary | 1720 Richmond County, Virginia, British Colonial America | 1758 Albemarle County, Virginia, British Colonial America |

A likely duplicate

ProTools – Charts & Reports

- Descendancy chart
    - One of my Mayflower lines
    - Up to 7 generations so I had to break into two reports

[DNA] Waters Tree Email:satwatcher.gen@gmail.com
Peregrine White

Descendancy

1. Peregrine White b: Nov 1620. d: 20 Jul 1704 in Marshfield, Plymouth, Massachusetts, USA; age: 83.
+ Sarah Bassett b: 1630 in Plymouth, Plymouth, Massachusetts, USA. d: 22 Jan 1711 in Marshfield, Plymouth, Massachusetts, USA; age: 81.
  2. Silvanus White d: Deceased.
  + Deborah Church d: Deceased.
    3. William White b: 1683. d: Bef. 3 Oct 1780 in Dartmouth, Bristol, Massachusetts, USA; age: 97.
    + Elizabeth Cadman b: Abt. 1684 in Dartmouth, Bristol, Massachusetts, USA. d: Aft. 6 Jan 1768; age: 84.
      4. Roger White b: 1708. d: 17 Jun 1802; age: 94.
      + Rebecca Grinnell b: 16 Dec 1710 in Little Compton, Newport, Rhode Island, United States. d: 17 Jun 1802 in Little Compton, Newport, Rhode Island, United States; age: 91.
        5. Hannah White b: 17 Sep 1734 in Little Compton, Newport, Rhode Island, USA. d: 1766 in New York, USA; age: 31.
        + Abraham Utter b: 18 Nov 1732. d: 5 Jan 1819; age: 86.
          6. Sarah Utter b: 12 Jul 1761 in Stonington, New London, Connecticut, United States. d: 29 Jun 1801; age: 39.
          + Capt. David Larkin b: November 1751 in Hope Valley, Hopkinton, Kings, British Colonial America, Rhode Island, USA. d: 11 November 1839 in Hope Valley, Hopkinton, Washington, Rhode Island, USA; age: 88.
            7. Sarah "Sally" Larkin b: 29 Dec 1797 in Hopkinton, Washington, Rhode Island, United States. d: 18 Apr 1828 in Clarence, Erie, New York, United States; age: 30.
            + Aaron Davis b: 22 August 1794 in Rhode Island, United States of America. d: 25 January 1859 in Clinton County, Michigan, United States of America; age: 64.

[DNA] Waters Tree Email:satwatcher.gen@gmail.com
Aaron Davis

Descendancy

1. Aaron Davis b: 22 August 1794 in Rhode Island, United States of America. d: 25 January 1859 in Clinton County, Michigan, United States of America; age: 64.
+ Sarah "Sally" Larkin b: 29 Dec 1797 in Hopkinton, Washington, Rhode Island, United States. d: 18 Apr 1828 in Clarence, Erie, New York, United States; age: 30.
  2. Mary Davis b: 5 April 1812 in Rhode Island. d: 8 April 1881 in Wexford, Wexford, Michigan; age: 69.
  + Ira Gilman Butler b: 1797 in New York, USA. m: Abt 1834 in New York, USA. d: 15 Sep 1878 in Marcellus, Cass Co., MI.; age: 81.
    3. Elizabeth Ann Butler b: Jul 1835 in Rochester NY. d: 30 Sep 1914 in Springville, Wexford, Michigan, USA; age: 79.
    + Jefferson N Campbell b: Jan 1833 in Michigan. m: 6 Nov 1890 in Charlotte, Eaton, Michigan, USA. d: Deceased.
    + Nathan G Spencer b: 12 Dec 1829 in Hartland, Windsor, Vermont, USA. d: 20 Apr 1877 in Battle Creek, Calhoun, Michigan, USA; age: 47.
      4. Adeline Spencer b: abt 1854 in Michigan. d: Deceased.
      4. Culver R. Spencer b: Nov 1856 in Walton, Mich. d: 13 Jan 1928 in Los Angeles, Los Angeles, California, USA; age: 71.
      + Arzelia Cummings b: 22 Apr 1859 in Onondaga County, New York, USA. m: 31 Dec 1877 in Kalamazoo, Kalamazoo, Michigan, USA. d: 4 Jul 1932 in Los Angeles, Los Angeles, California, USA; age: 73.
        5. Nellie Julia Spencer b: 24 Oct 1878 in Jackson, Jackson, Michigan, USA. d: 30 Sep 1932 in Los Angeles, Los Angeles, California, USA; age: 53.
        + Eugene Huntley b: May 1846 in Burlington, Chittenden, Vermont, USA. m: 29 Sep 1900 in Cedar Rapids, Linn, Iowa. d: 25 Oct 1900 in Cedar Rapids, Linn County, Iowa, United States of America; age: 54.
        + Frank Gustav Pohlmann b: 26 Jan 1880 in Waszminker, Germany. m: 23 Mar 1926 in Colorado Springs, Colorado, USA. d: 4 Jan 1976 in Stanton, Orange, California, USA; age: 95.
        + Unknown
          6. Mardell Lillian Huntley b: 2 Feb 1908 in Clinton, Clinton, Iowa, USA. d: 28 Aug 2005 in Las Vegas, Clark, Nevada; age: 97.
          + Charles Noble Craddock b: 16 Apr 1905 in Mount Vernon, Jefferson, Illinois, USA. m: 10 Dec 1931 in Los Angeles, California, USA. d: 15 Jan 1983 in Las Vegas, Clark, Nevada, USA; age: 77.
            7. Joan Anita Craddock b: 12 May 1929 in Los Angeles, Los Angeles, California, USA. d: 11 Oct 2015 in Mesa, Maricopa, Arizona, USA; age: 86.
            + Richard J Waters b: 22 Dec 1919 in San Francisco, California. m: 7 Sep 1951 in Norfolk, Independent Cities, Virginia, USA. d: 8 Nov 1979 in Petaluma, Sonoma, California, USA; age: 59.

ProTools – Family Group Sheet

ProTools – TreeMapper

Darker the shade of green indicates greater number of ancestors

Direct line ancestors, over 20 from Kent, England
Lists each one and how I'm related.

Kent, England, United Kingdom

Family   Share

Family 21

William Bassett
1590–1667
12th great-grandfather
Birth
1590 • Sandwich, Kent, England

Joanna Bates
1602–1683
9th great-grandmother
Birth
1602 • Lydd, Kent, , England

Mary Cruttenden
1616–1669
11th great-grandmother
Birth
1616 • Hawkhurst, Tunbridge Wells Borough, Kent, England

Capt. Dolor Davis
1593–1673
9th great-grandfather
Marriage
29 Mar 1624 • Kent, England

Peter Arthur Davis
1680–1776

Number of people
1
2
3
4-6
7-9
10-19
20+

Improve this map

ProTools – Enhanced Shared Matches

- In my opinion, this feature alone makes it worth it to have this subscription

- Provides how much each of your matches shares with other matches in the genetic network

ProTools – Enhanced Shared Matches

Before I only knew that Michelle and Leland were shared matches to me. I didn't know they were related to each other. With Enhanced Shared Matches I was able to see how they were related to each other and so I could put both in my family tree properly.

ThruLines

- Attempts to build your direct ancestors
- NOTE: this is primarily based on trees --- both yours and your matches
- It can provide hints of how you might be related to your DNA matches

ThruLines

- Important notes:
  - If there are common errors in other people's trees then that will r esult in bad errors in ThruLines --- carefully verify these tips!

  - Many mystery matches will not show up in ThruLines because of weaknesses in links between your tree and others trees (e.g., NPEs, donor conceived, etc.)

  - Some suggested relationships are using very low DNA values (e.g., 8 cMs) – so be careful – they could be valid but use some other verification (traditional genealogy to verify)

This tiny segment actually seemed to be valid – but that's not always the case!

ThruLines

AncestryDNA® ThruLines®

ThruLines® shows you how you may be related to your DNA matches. ThruLines are based on information from family trees, they don't change the information in trees. If there's inaccurate information in your tree, you may receive inaccurate ThruLines. Only you and anyone you've invited to view your DNA results can see your ThruLines.

We use the family tree linked to your test to find people who are in your tree and are also in your matches's linked trees. If your tree is private and not searchable, you won't be able to see ThruLines, and information from your matches' trees that are private and not searchable won't be available to you. DNA matches may appear in more than one of your ThruLines.

ThruLines are available for ancestors through 5th great-grandparents. ThruLines won't appear for 6th great-grandparents and beyond.

You must have a public tree (or private but searchable) and have it linked to your DNA kit in order to see any ThruLines.

ThruLines

- Starting with parents
- Goes down to 5th great-grandparents

In your tree

Not in your tree
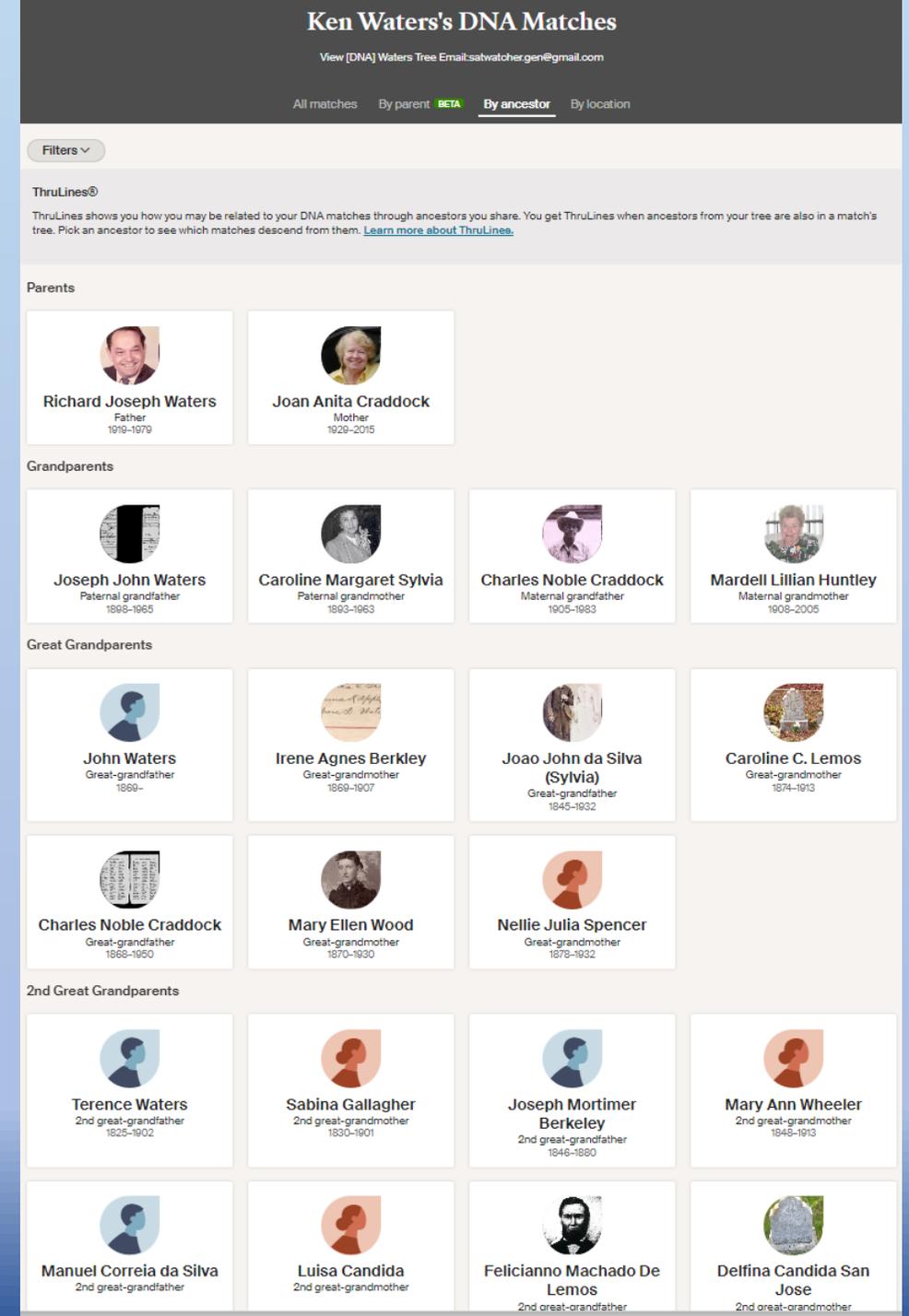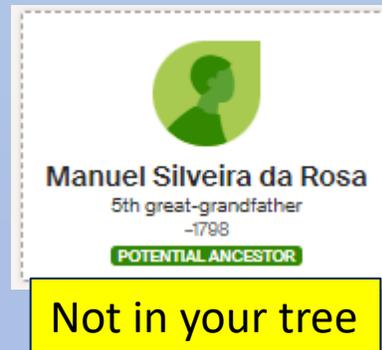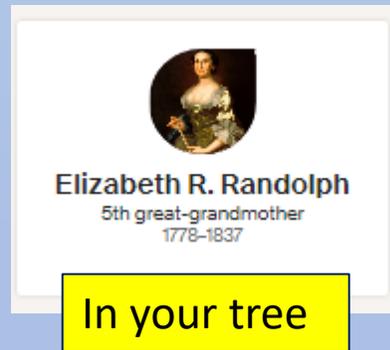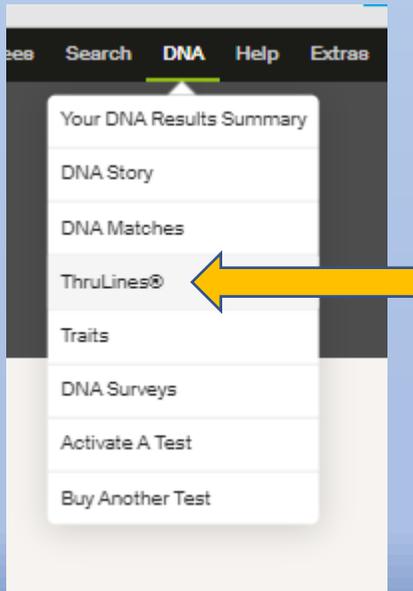
Look at quantity (and *quality* of those DNA matches)

Susan Eliza Thurman
2nd great-grandmother
1844-1910

18 DNA matches
between 9 and 3,474 cM
Evaluate relationship paths

Susan Eliza Thurman
2nd great-grandmother
1844-1910
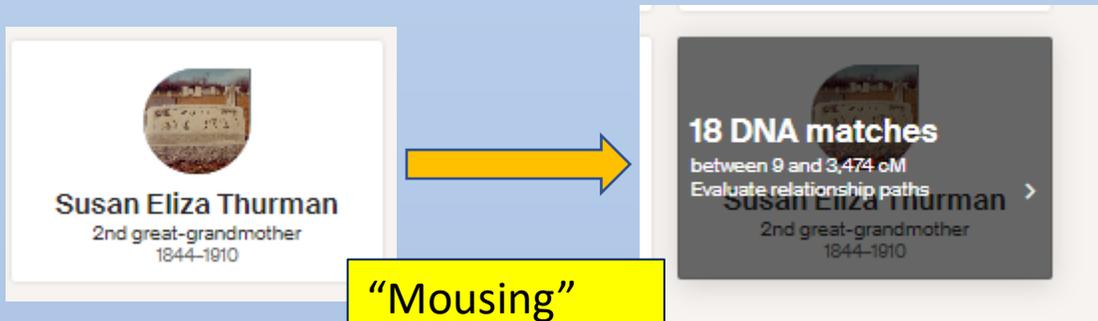
"Mousing" over a name can reveal the number of DNA matches Ancestry finds

Be careful: having a lot of DNA matches may simply be because of your close tested matches

You need "breadth" of matches from other matches outside your close family

TIP: Try moving the mouse over each person. When you see lots of matches that is an indication that the person in the tree may be properly placed.

My 3rd Great-grandmother

- This was entered as found from one of my known cousin's tree

- Only a couple of sources with none showing birth surname
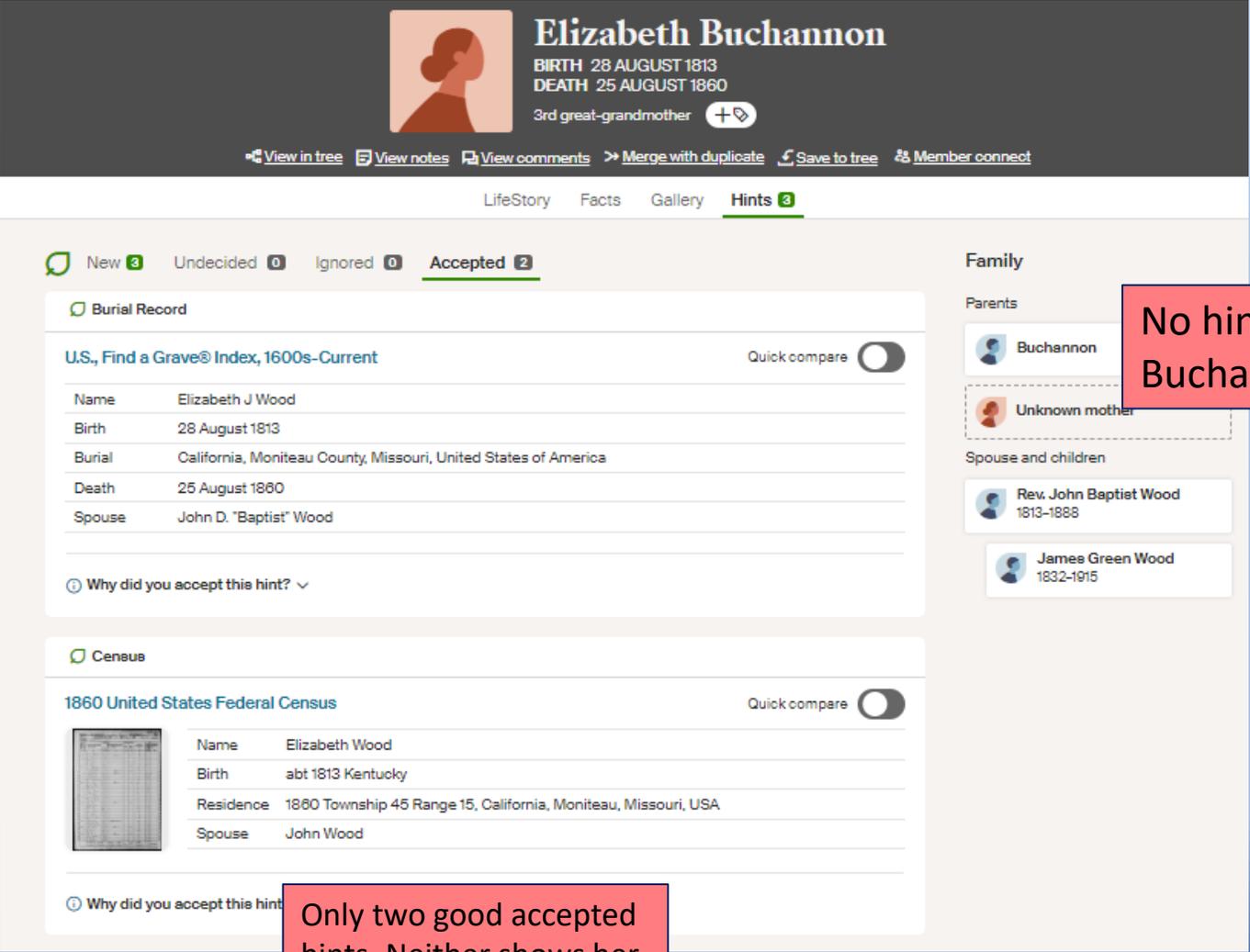
Elizabeth Buchannon
BIRTH 28 AUGUST 1813
DEATH 25 AUGUST 1860
3rd great-grandmother

View in tree · View notes · View comments · Merge with duplicate · Save to tree · Member connect

LifeStory · Facts · Gallery · Hints **3**

New **3** · Undecided **0** · Ignored **0** · Accepted **2**

Burial Record

U.S., Find a Grave® Index, 1600s–Current · Quick compare

Name	Elizabeth J Wood
Birth	28 August 1813
Burial	California, Moniteau County, Missouri, United States of America
Death	25 August 1860
Spouse	John D. "Baptist" Wood

ⓘ Why did you accept this hint? ⌄

Census

1860 United States Federal Census · Quick compare

Name	Elizabeth Wood
Birth	abt 1813 Kentucky
Residence	1860 Township 45 Range 15, California, Moniteau, Missouri, USA
Spouse	John Wood

ⓘ Why did you accept this hint?

Family

Parents

Buchannon

Unknown mother

Spouse and children

Rev. John Baptist Wood
1813–1888

James Green Wood
1832–1915

No hints for father Buchannon

Only two good accepted hints. Neither shows her surname as Buchannon

Surprise DNA Matches when opening ThruLines

ThruLines® for Thomas Drury Sanders

ThruLines® uses Ancestry® trees to suggest that Joan Anita Craddock may be related to 44 DNA matches through Thomas Drury Sanders.
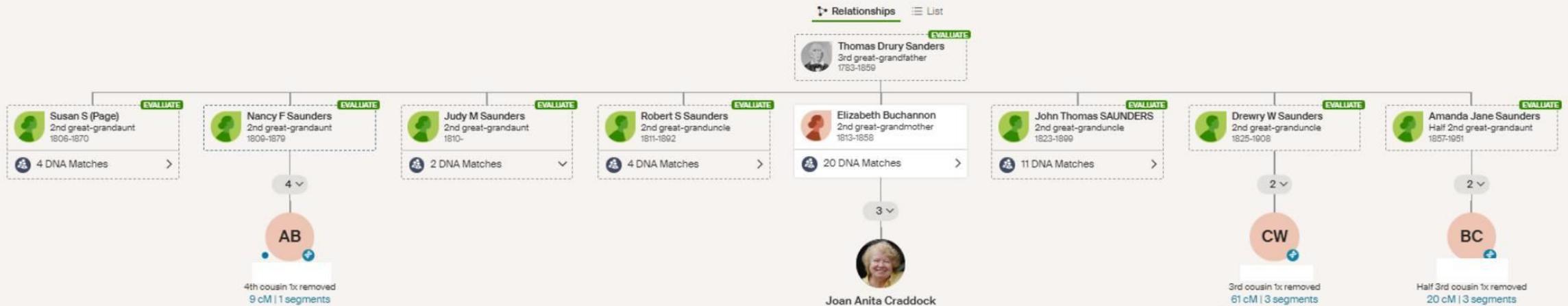
Ancestry found many matches shown as descending from Elizabeth Buchannon's siblings

61 cMs, strong match!

Surprise DNA Matches

ThruLines® for Thomas Drury Sanders

ThruLines® uses Ancestry® trees to suggest that Joan Anita Craddock may be related to 44 DNA matches through Thomas Drury Sanders.

⌕ Relationships   ☰ List

Thomas Drury Sanders
3rd great-grandfather
1783-1859

Susan S (Page)	Nancy F Saunders	Judy M Saunders	Robert S Saunders	Elizabeth Buchannon	John Thomas SAUNDERS	Drewry W Saunders	Amanda Jane Saunders
2nd great-grandaunt	2nd great-grandaunt	2nd great-grandaunt	2nd great-granduncle	2nd great-grandmother	2nd great-granduncle	2nd great-granduncle	Half 2nd great-grandaunt
1806-1870	1809-1879	1810-	1811-1892	1813-1858	1823-1899	1825-1908	1857-1951
4 DNA Matches		2 DNA Matches	4 DNA Matches	20 DNA Matches	11 DNA Matches		

4 ∨

AB
4th cousin 1x removed
9 cM | 1 segments

3 ∨

Joan Anita Craddock

2 ∨

CW
3rd cousin 1x removed
61 cM | 3 segments

2 ∨

BC
Half 3rd cousin 1x removed
20 cM | 3 segments

Note the breadth of matches from so many siblings! Very good sign of validation

Surprise DNA Matches

What does this mean??

Likely that "Buchannon" is not Elizabeth's actual surname but it may be Saunders/Sanders instead

The large number of DNA matches that descend from the other Saunders siblings seems to indicate this!

Need to dig deep: look at public trees of these siblings

Build Q&D trees for this line to look for confirmatory sources

A limitation: These people were all born a few decades before the 1850 census

SideView

- ## What is SideView?

How SideView™ Technology Splits Your DNA Results by Parent

When we first read your DNA, we don't know which parts of your DNA came from each parent.

Ancestry® developed a technology called SideView™ to figure this out using DNA matches. Because a match is usually related to you through only one parent, your matches can help us "organize" the DNA you share with them.

SideView™ technology powers the DNA inheritance features that show which regions, journeys, matches, and traits you inherited from each parent, even without testing your parents (though we don't know which parent is which).

The ability to divide your DNA into parental sides, one paternal, one maternal

Your regions by parent

Your parents each contributed half of your DNA. Now, you can see which regions you inherited from each parent—even if they haven't taken tests. Learn more

Overview ⮌ Share

Maternal | Paternal — You

Select one or more regions to highlight.

(• All) • England & Northwestern Europe | • Ireland | • Scotland | • Portugal | • Wales | • Sweden

Detailed comparison ⮌ Share — ✎ Edit parent labels

Same data, more detail. This chart shows the percentages of each region you inherited from your parents. Added together, the percents from each parent for a region equals your percent for that region.

Region	Maternal	Paternal	You
Total: 6	50%	50%	100%
● England & Northwestern Europe	24%	4%	28%
● Ireland	4%	23%	27%
● Scotland	20%	2%	22%
● Portugal	0%	18%	18%
● Wales	0%	3%	3%
● Sweden	2%	0%	2%

Give Ancestry

Give your research by testing family members. Why tes...

Give a DNA k

Inheritance is

🧪 Regions may not at all.

Tell me more

Their halves, y

🕙 This informat —not from te

You inherited AncestryDNA results.

How do we kno

SideView

- Initially, Ancestry won't know which side is which and so will just label as 'Parent1' and 'Parent2'
- You'll have the ability to declare which is which

The ability to divide your DNA into parental sides, one paternal, one maternal.
NOTE: this feature requires an updated account like AncestryDNA Plus or paid membership.

This is my SideView showing which side I get different "ethnicity" contributions from

English

Irish

Maternal   Paternal

Portuguese

Scottish
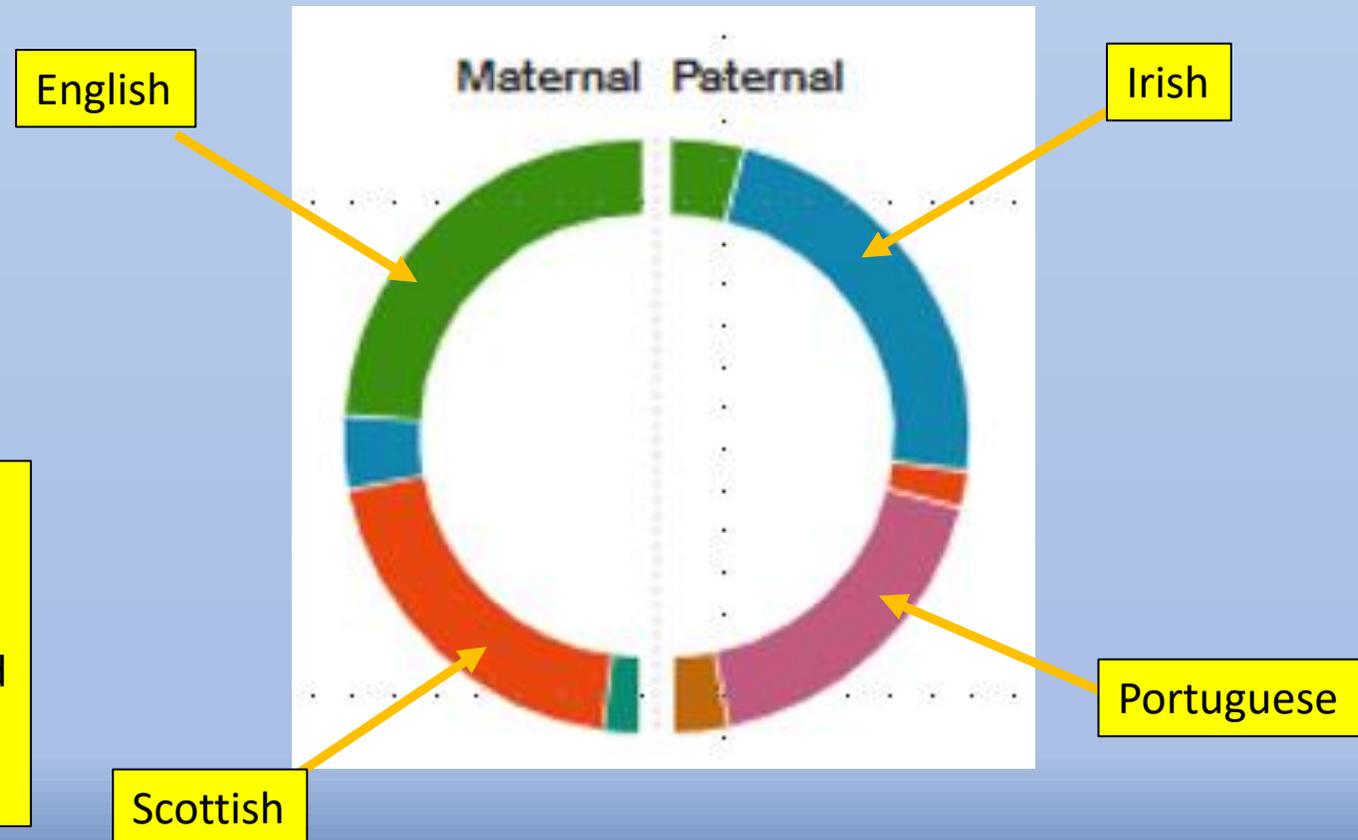
Tips to save

- Wait for the 50% off membership deals that come up once in awhile
  - When they do come up, buy a "gift" membership for yourself setting it to be "gifted" one day after your subscription expires
  - Don't forget to make sure your current subscription does not "auto-renew" by either cancelling it, removing the credit card, or calling Ancestry
  - I've done this the last 3 years and so have only paid $99 to $109 for a one-year U.S. subscription --- half price

Tips to save

- Use one account to manage multiple kits
  - Then, when you upgrade to a membership, ProTools, or AncestryDNA Plus you will only have to pay once for them and they will apply to all your managed kits!

- Look out for specials on ProTools such as reduced subscription for 6 months

NOTE: All of this is always subject to change!

	Cost	Description	I have
DNA Kit	$0 (beyond cost of kit)	See matches, ethnicity, basic tools	🟢
Membership	$99-$300/yr	Ability to search trees, records, etc.	🟢
ProTools	$5 - $10/mo	Many useful tools, in particular the shared matches (note: requires a full paid membership to add on)	🟢
AncestryDNA Plus	$30/6 mo	Basic shared matches (included with membership)	

AncestryDNA Plus™ membership.

AncestryDNA Plus™ is a premium DNA membership that gives you access to helpful tools and new features to make it easier than ever to make continuous discoveries about your family.

$29.99 FOR 6 MONTHS*
(Effectively $5 a month)

Questions?

Upcoming Classes/Presentations

Mon, Apr 14, 3 pm
Topic: Beginning DNA

Presentations:
http://familytreeaz.com/Presentations

All library classes (highlighted blue) are free to attend and require no registration. Classes are held at the Red Mountain Mesa Public Library at 635 N Power Rd in Mesa (unless otherwise noted above).

Remember---all presentations online

- Presentations: http://familytreeaz.com/Presentations

Genealogy Presentations

2023
Identifying Your DNA Matches (Jan 2023)

2022
A Unified Process for DNA Matches (Dec 2022)
Intro to DNA (Dec 2022)

DNA Painter Dec 2022
GEDMatch (Trilogy)
DNA Relational Diagrams
First Look at Ancestry SideView Matching
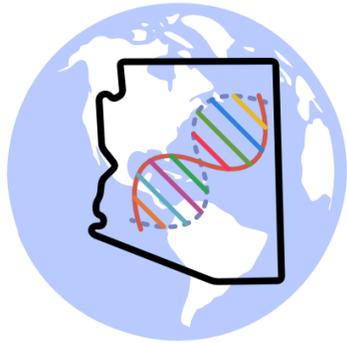Deep Dive into MyHeritage DNA Oct 2022
What Can DNA Do For You Sep 2022
New Match Methodology 2022
GEDMatch Apr 2022 Handout

DNA Tips & Tricks

Intro to DNA (Mar 2022)

FamilyTreeAZ.com

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