



First Look at Ancestry's SideView Match Implementation.

Ken Waters

Nov 3, 2022

East Valley Phoenix DNA SIG



All slides and handouts can be found at:

<http://www.familytreeaz.com/Presentations/>

What is Ancestry SideView?

- In April 2022 Ancestry rolled out a new feature called SideView that initially showed how the ethnicity of matches was distributed across the two parents
- In October 2022 Ancestry upgraded the feature to now split DNA matches up into the two parents lines
- **Special Note: ***some customers are still reporting that they do not have the new tool as of 11/1/2022--- it is being slowly rolled out to all customers**
- Results are solely determined from DNA match data --- no use of trees (unlike ThruLines which is based solely on trees)

Recommended Reading

- Ancestry's whitepaper on SideView technology:
<https://support.ancestry.com/s/article/SideView-Technology>
- Ancestry's whitepaper on SideView with matches:
https://support.ancestry.com/s/article/DNA-Matches-Split-Up-By-Parent?language=en_US

AncestryDNA®

How SideView™ Technology Splits Your DNA Results by Parent

AncestryDNA®

DNA Matches Split Up By Parent

Example of SideView Ethnicity

- This is from my kit
- On the left is the estimate of ethnicities for both of my parents
- On the right is the estimate for my ethnicities
- My paternal shows about half Irish and half Portuguese
- My maternal shows mostly English, Scottish, and Irish
- NOTE #1: this does *not* require DNA testing of either parent
- NOTE #2: Initially this might show just Parent #1 and Parent #2---this can be adjusted by the customer

Ethnicity inheritance

Inheritance for Ken Waters

Ethnicities Chromosome Painter **BETA**

Overview [Share](#)

Maternal Paternal



You



Select one or more regions to highlight.

[All](#) [Ireland](#) [Scotland](#) [Portugal](#) [England & Northwestern Europe](#) [Wales](#)

Detailed comparison [Share](#) [Edit parents](#)

Same data, more detail. This chart shows the percentages of each ethnicity 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: 5	50%	50%	100%
● Ireland	10%	24%	34%
● Scotland	23%	4%	27%
● Portugal	0%	17%	17%
● England & Northwestern Europe	16%	0%	16%
● Wales	1%	5%	6%

Inheritance is random

Ethnicities may be passed down unevenly, or not at all.

[Tell me more](#)

Their halves, your whole

This information comes from your results—not from testing your parents

You inherited half of their DNA. [An AncestryDNA@test](#) can provide their full results.

How do we know this?

Our [SideView™](#) technology splits up your DNA, then analyzes each half.

Matches split by parent **NEW**

Check out which DNA matches belong on each side of your family.

[View matches](#)

Chromosome painter **BETA**

See where your ethnicities appear in your DNA.

[Explore now](#)

To See the SideView Results:

- First go to your DNA matches
- Note: it seems as if Ancestry may have changed the default first page for SideView results rather than the full list of DNA matches

The screenshot shows the AncestryDNA SideView interface for user Ken Waters. At the top, a dark header displays a profile picture, the name "Hello, Ken", and the text "This test is shown to matches as KEN WATERS" with a link icon and "Linked to Ken Waters". Below this is a promotional banner for "AncestryDNA® Traits" with a "Get AncestryDNA Traits" button. The main content area is divided into three columns: "DNA Story" with an ethnicity pie chart (34% Ireland, 27% Scotland, 3 Other regions) and a "Discover Your DNA Story" button; "DNA Matches" showing a grid of match photos, "29 Starred matches", and "1000+ 4th cousins or closer" with a "View DNA Matches" button; and "ThruLines®" with a family tree diagram and an "Explore ThruLines" button. A large yellow arrow points from the "Discover Your DNA Story" button to the "View DNA Matches" button. At the bottom, a "DNA Surveys" section prompts the user to "Start Answering Questions".

SideView for Matches

Pre-SideView Look

Ken Waters's DNA Matches
View [DNA] Waters Tree Email: satwatcher.gen@gmail.com

Filter by: Unviewed Common ancestors Messaged Notes Trees Shared DNA Groups Search | Sort

Parent/Child

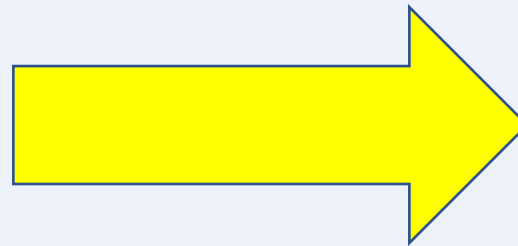
- Mother**
3,474 cM | 50% shared DNA
Maternal side
Public linked tree: 2,598 People
Common ancestor
View match
- Daughter, 34**
- Son, 3466/6**

Full Sibling

- Brother**
2,491 cM | 44% - 51% shared DNA
Both sides
Public linked tree: 2,598 People
Common ancestor
View match

Ken Waters's DNA Matches
View [DNA] Waters Tree Email: satwatcher.gen@gmail.com

By parent **BETA** All matches By location



New SideView Look

Ken Waters's DNA Matches
View [DNA] Waters Tree Email: satwatcher.gen@gmail.com

By parent **BETA** All matches By location

How did we do?
This feature is new. We've split up your matches by the parent they're related to - but we're still working out a few kinks. If something doesn't look right, let us know!
Submit feedback

Maternal
16,093 matches
View matches Edit parent

- Last names in trees: Craddock, Baker, Davis, Anderson. View more.
- Common communities: Southern Midwestern Settlers. View more.
- Ethnicity inheritance: Maternal. View more.

Paternal
8,902 matches
View matches Edit parent

- Last names in trees: Lemos, Jose, San, Machado. View more.
- Common communities: Early Connecticut & New York Settlers. View more.
- Ethnicity inheritance: Paternal. View more.

Both sides
PW NW FW
3 matches
View matches

- Last names in trees: Abt, Allaby, Allee, Alley. View more.
- Why are some matches related to both parents?
They could descend from both parents, be distant relatives who have segments matching both sides, or come from a small population (like an island) that both parents belong to. Learn more.

Unassigned
1,584 matches

Why are some matches unassigned?
If a match appears in this category, it could be because their test was processed after our last update or because we don't have enough information to assign them to one parent or the other.
You may see updates in the future, in which case some unassigned matches may be assigned to a side.

Closer Look

- Every match (over 8 cMs) has been put into one of 4 bins:
 - Parent1 (or maternal/paternal)
 - Parent2 (or paternal/maternal)
 - Both
 - Unassigned


Maternal



16,093 matches

[View matches](#) [Edit parent](#)


Paternal



8,902 matches

[View matches](#) [Edit parent](#)

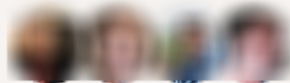
Both sides



3 matches

[View matches](#)

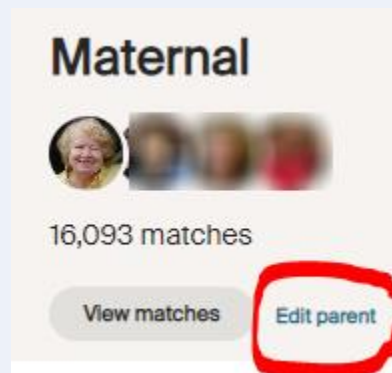
Unassigned



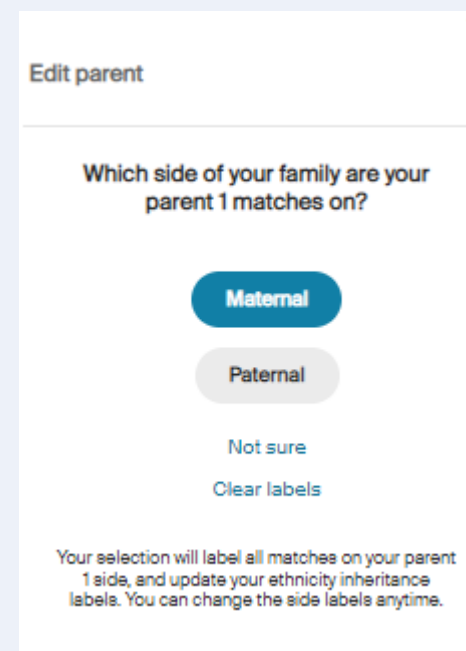
1,584 matches

Designate Which is Paternal/Maternal

- Click “Edit Parent”

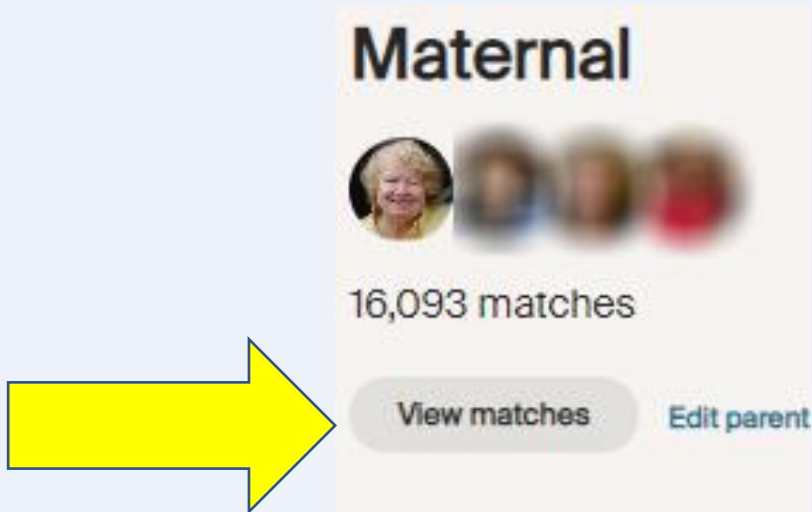


- “Most” of the time you will likely be able to determine which side is which (this may vary in your situation if both parents came from similar populations)
- When you label one as maternal or paternal it automatically sets the other parents matches



It's Easy to Look at Each Side

- Just click on “View Matches”



Keep in mind: these are matches that are believed to be only on one parent's side

Ken Waters's DNA Matches
View [DNA] Waters Tree Email: satwatchergen@gmail.com

By parent **BETA** All matches By location

Filter by: Unviewed Common ancestors Messaged Notes Trees Shared DNA **Maternal** Search | Sort

Reset filters

Parent/Child

	Joan Anita Craddock Mother 3,474 cM 50% shared DNA Maternal side	Public linked tree 2,598 People Common ancestor	View match
Mother, 3474/46.			

Extended Family

	Le 2nd cousin 309 cM 4% shared DNA Maternal side	No Trees	View match
2C, grandson of Stella Mae Craddock my great aunt. 309/15. Sent message 8/26/2018 and 9/8/2018.			
	Jc Cr 2nd cousin 214 cM 3% shared DNA Maternal side	Public linked tree 5 People Common ancestor	View match
2C, is nephew, son of Jim's sister Edith. 214/13.			
	Mich 2nd cousin 167 cM 2% shared DNA Maternal side	Public linked tree 292 People Common ancestor	View match
167/10, 2C from Walter Craddock.			
	Me 2nd cousin 153 cM 2% shared DNA Maternal side	Public linked tree 3 People Common ancestor	View match
2C, Craddock, 153 /10.			

What About “Both”?

- Two scenarios that could place a DNA match into the “Both” category:
 - (1) either descendants of the test taker or siblings (and descendants) [makes sense: these are people who will share both parents of the test taker]
 - (2) other matches that seem to match both parents!
- #1 above is obvious but what about #2?
- Likely each parent shares at least one common line
 - NOTE: this does **not** imply endogamy or pedigree collapse (although that can not be ruled out)

My list of “Both”

- 3 members
 - 2 children
 - 1 sibling
 - All 3 share both of my parents

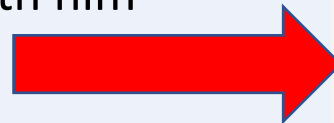
- No surprises

The screenshot shows the 'Ken Waters's DNA Matches' interface. At the top, the title 'Ken Waters's DNA Matches' is displayed, along with a link to 'View [DNA] Waters Tree Email:satwatohergen@gmail.com'. Below the title, there are navigation options: 'By parent', 'BETA All matches', and 'By location'. A 'Filter by:' section includes buttons for 'Unviewed', 'Common ancestors', 'Messaged', 'Notes', 'Trees', 'Shared DNA', and 'Both sides' (which is highlighted with a red box). There is also a 'Search | Sort' dropdown and a 'Reset filters' link. The matches are listed under three categories: 'Parent/Child', 'Full Sibling', and 'Full Sibling'. Each match entry includes a profile picture, relationship type, shared DNA amount and percentage, a 'Both sides' indicator, and links to 'Public linked tree' and 'Common ancestor'. A 'View match' button is present for each entry. The matches are: 1. Daughter, 3,470 cM | 50% shared DNA, Both sides. 2. Son, 3,466 cM | 50% shared DNA, Both sides. 3. Brother, 2,491 cM | 44% - 51% shared DNA, Both sides.

My Mom's "Both"

- Mom has 5
 - Includes me, my brother, and my 2 children

- One mystery match
 - I presume there may be a distant line from my father (or mother?) with him



Joan Anita Craddock's DNA Matches
View [DNA] Waters Tree Email: sabwatches.gen@gmail.com

By parent **BETA** All matches By location

Filter by: Unviewed Common ancestor Messaged Notes Trees Shared DNA **Both sides** Search | Sort

Reset filters

Parent/Child

- Son
3,486 cM | 50% shared DNA
Both sides
Public linked tree
2,598 People
Common ancestor
Do you recognize them?
Yes Learn more
Son, 3486/43.
- Ken Waters
Son
3,474 cM | 50% shared DNA
Both sides
Public linked tree
2,598 People
Common ancestor
Do you recognize them?
Yes Learn more
Son, 3474/46.

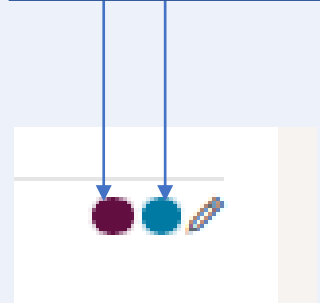
Close Family

- Close Family - 1st Cousin
1,952 cM | 28% shared DNA
Both sides
Public linked tree
2,598 People
Common ancestor
Do you recognize them?
Yes Learn more
Granddaughter, 1952/40.
- Close Family - 1st Cousin
1,879 cM | 27% shared DNA
Both sides
Public linked tree
2,598 People
Common ancestor
Do you recognize them?
Yes Learn more
Grandson, 1879/41.

Distant Family

- 4th - 6th Cousin
32 cM | < 1% shared DNA
Both sides
Unlinked Tree
Do you recognize them?
Yes Learn more
The only DNA match sorted into "both". UL not sure if it's right person: Weller, Fitzgerald, Cooper, Whipple, Lempke, Lund, Hinz, Hasterock, Radzejewski, Bruneau, Blanchette, Dunn, Brocker, Glatz.

Excellent! Shared matches line up with an ancestral line from each side!



My Paternal Uncle's "Both"

- Whoa! 78 matches??
- Of these, close family are expected:
 - 10 close
 - 1 son, 1 daughter
 - 3 nephews/nieces (incl me and my brother)
 - 1 niece (daughter of my other uncle)
 - 4 grand-nephews/nieces

Both sides

Last names in trees

**Lemos
Jose
Jesus
Silva**

78 matches

[View matches](#)

In the trees of their closest both side's matches, these last names are the most common.

[View more](#)

Why are some matches related to both parents?

They could descend from both parents, be distant relatives who have segments matching both sides, or come from a small population (like an island) that both parents belong to.

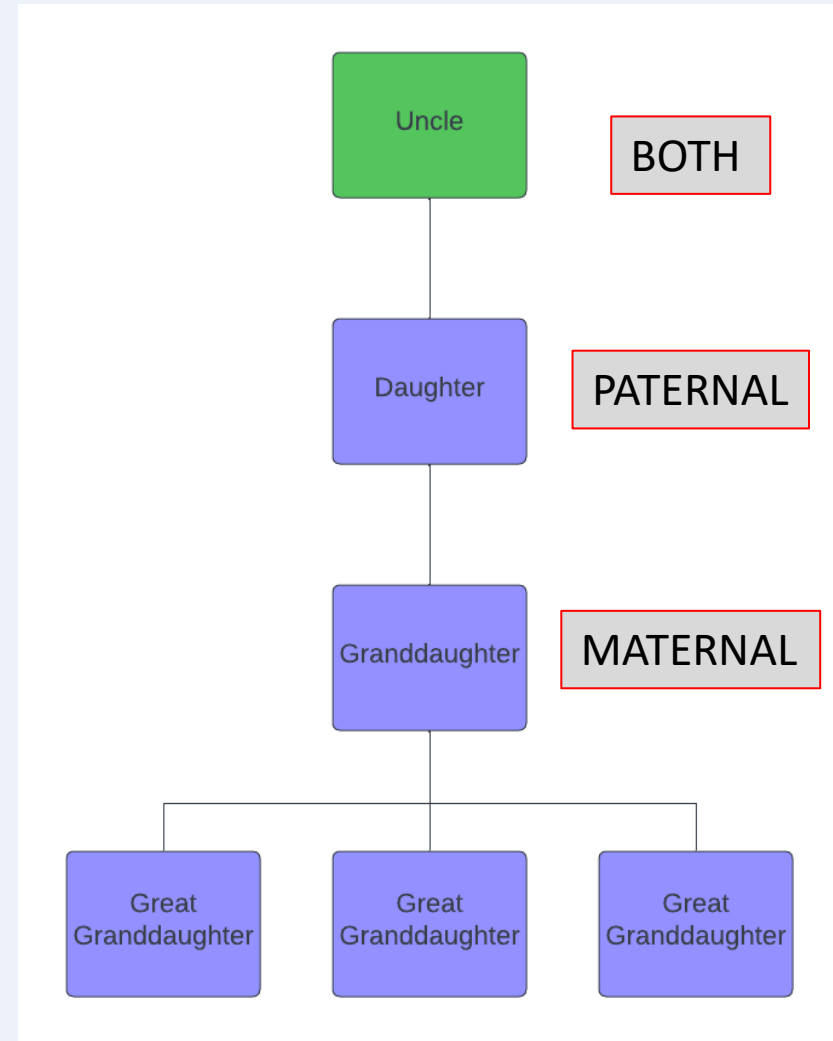
[Learn more](#)

Parent/Child

	Son 3,464 cM 50% shared DNA Both sides	Public linked tree 2,598 People Common ancestor	Do you recognize them? Yes Learn more
<hr/>			
	Daughter 3,458 cM 50% shared DNA Both sides	Public linked tree 11 People Common ancestor	Do you recognize them? Yes Learn more
<hr/>			
Close Family			
	Close Family – 1st Cousin 1,873 cM 27% shared DNA Both sides	Public linked tree 8 People Common ancestor	Do you recognize them? Yes Learn more
<hr/>			
	Close Family – 1st Cousin 1,603 cM 23% shared DNA Both sides	Public linked tree 2,598 People Common ancestor	Do you recognize them? Yes Learn more
<hr/>			
	Ken Waters Close Family – 1st Cousin 1,583 cM 23% shared DNA Both sides	Public linked tree 2,598 People Common ancestor	Do you recognize them? Yes Learn more
<hr/>			
	1st – 2nd Cousin 1,110 cM 16% shared DNA Both sides	Public linked tree 1,538 People Common ancestor	Do you recognize them? Yes Learn more
<hr/>			
	1st – 2nd Cousin 1,019 cM 15% shared DNA Both sides	Public linked tree 8 People Common ancestor	Do you recognize them? Yes Learn more

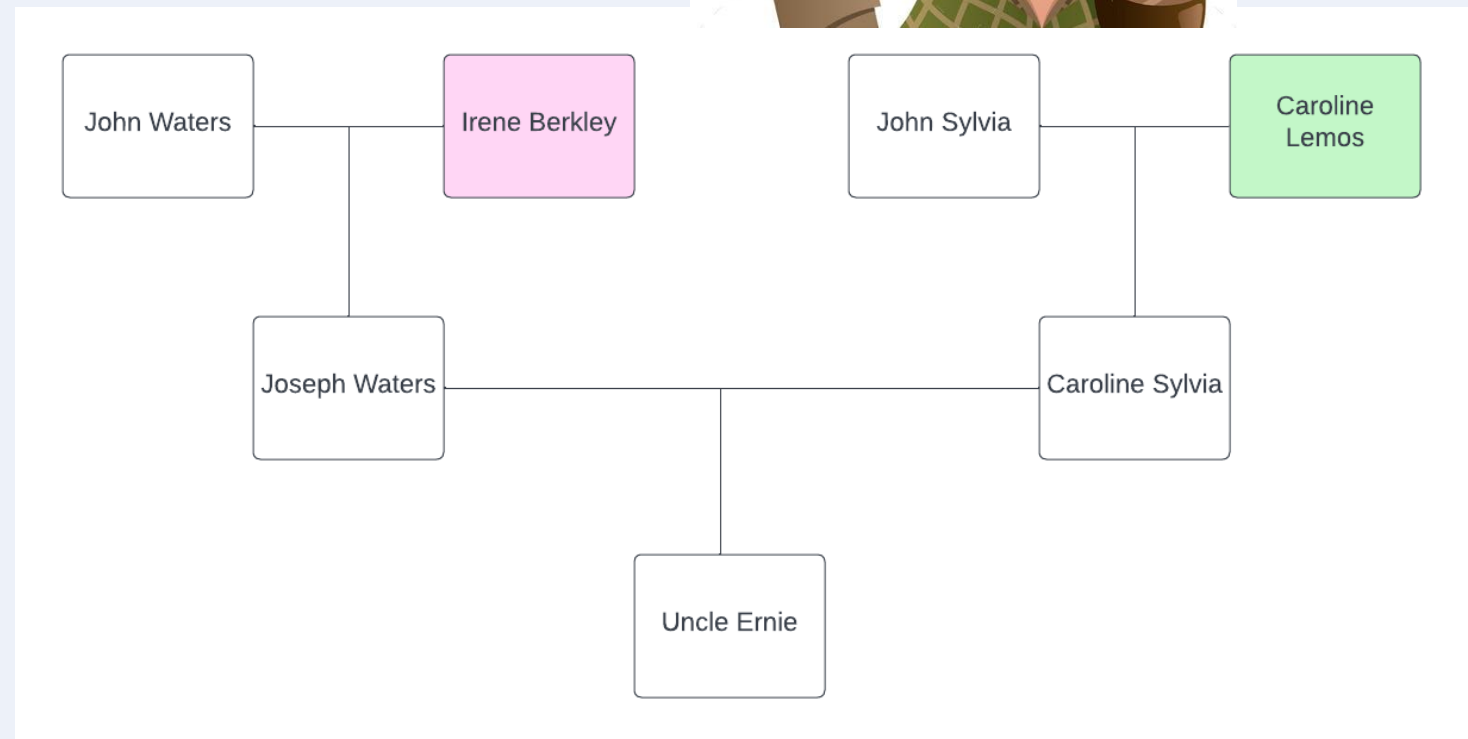
The “both” grouping stops at the uncle

- Uncle was tested, had 78 marked as “both”
- His daughter tested and had only 5 marked as “both” (her brother, daughter, and 3 granddaughters)
- This makes sense as the shared ancestry occurs at his parents’ step



What about the other 68??

- Ernie's paternal grandfather immigrated from Ireland
- Ernie's paternal grandmother has deep colonial roots
- Ernie's mother was of 100% Portuguese ancestry
- The grouping all shared ancestry from the Lemos line (Caroline Lemos' parents)
- Hypothesis: somewhere in the Lemos (Azores) ancestry there must have been a link to the Berkley family!

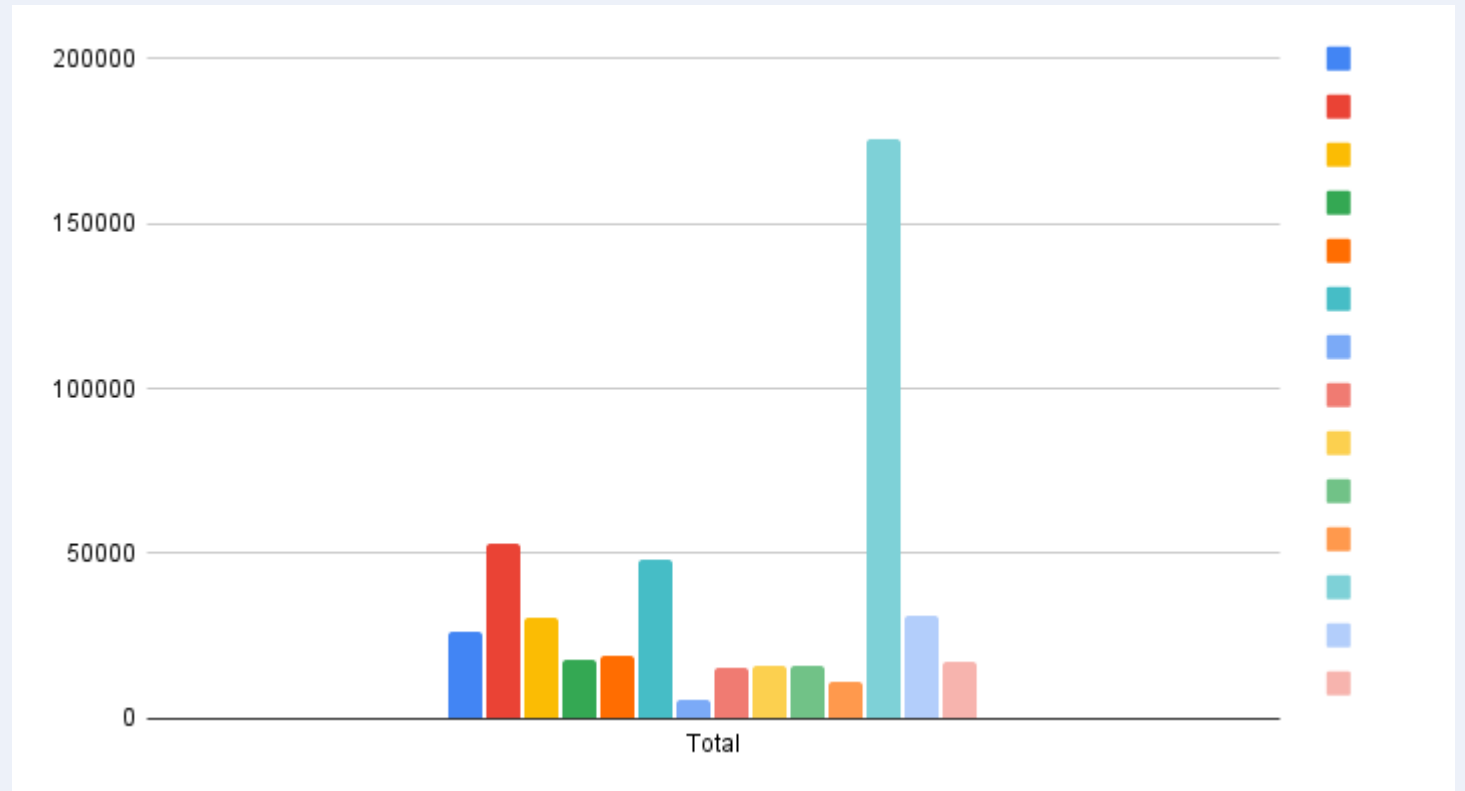


Now, compare a number of kits

- I love to work with data and spreadsheets and was intrigued with the differences in numbers between different kits with the categories of parental, both, and unassigned
- I compared 14 kits
 - Me plus my mother, brother, and my two children
 - Paternal uncle plus one son
 - Paternal 1C1R and 2C1R
 - 1 African-American
 - 1 Asian
 - 1 Half 20th C Polish + half 19th European
 - 1 Hispanic
 - 1 European Jewish

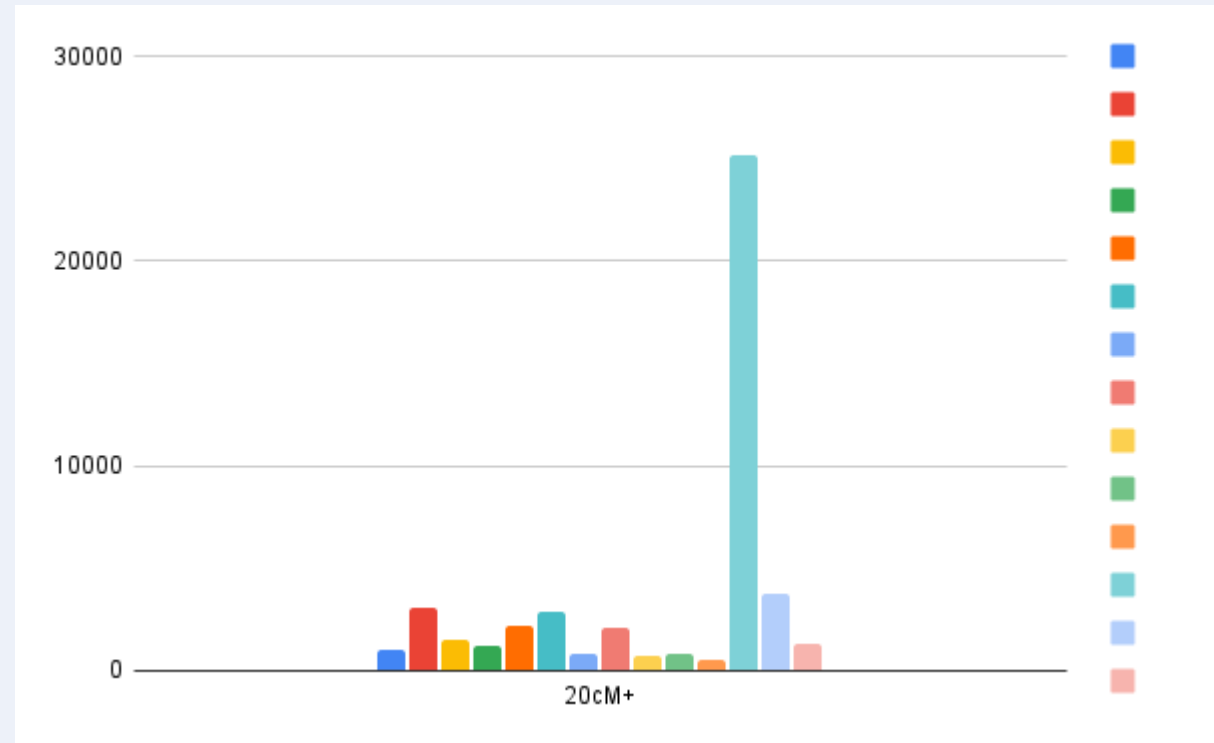
of Matches

- Asian test taker had the least, 5,520
- 2nd highest was my mom with 53,105 (nearly all of her known heritage is back to early colonial (1620-1700))
- One stood out with a stunning 175,540 matches
 - WHICH ONE??



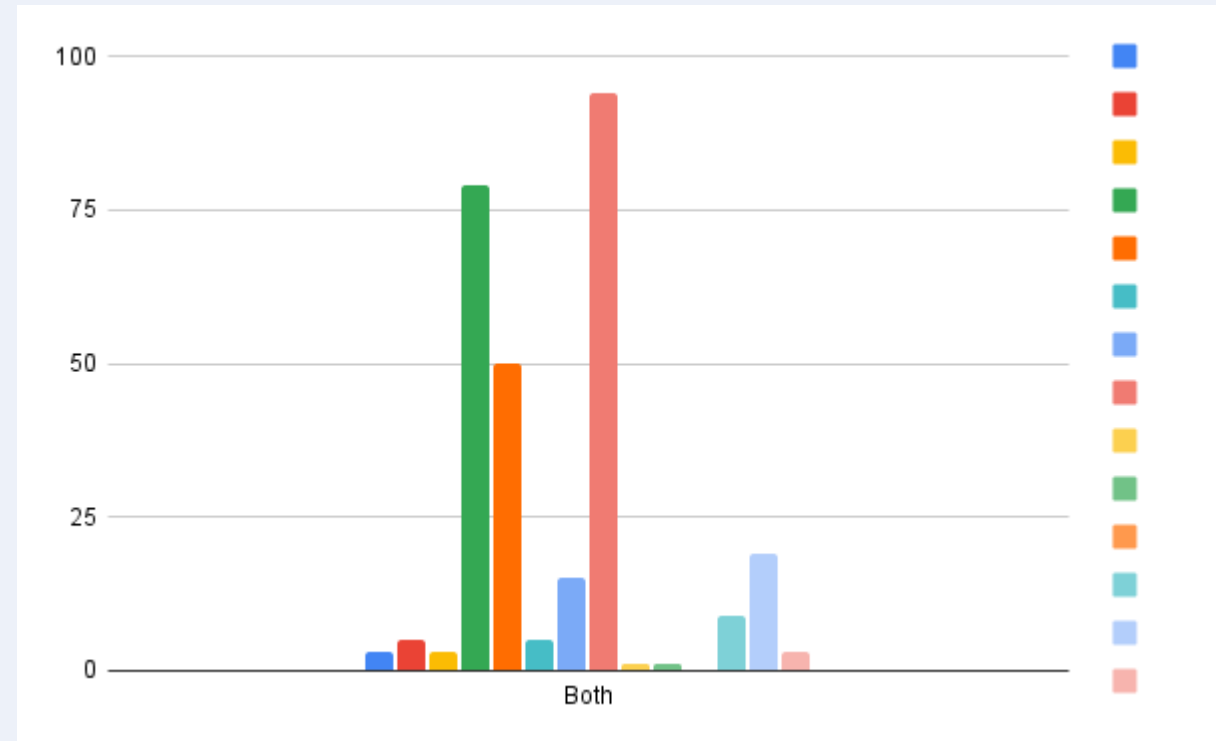
of 20+ cMs Matches

- One kit had 25,187 20+ cMs matches!
- Most were 1,000 to 3,000



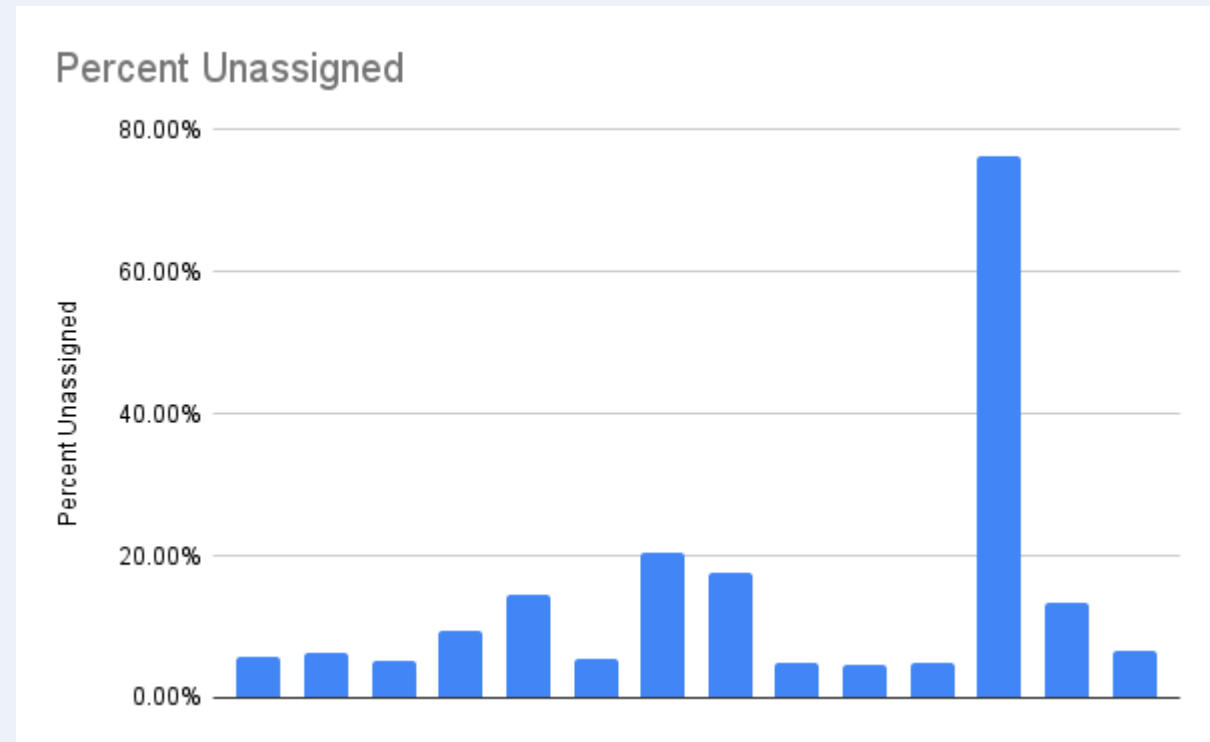
% of “Both”

- Two kits stood out:
 - My paternal 2C1R who is 100% Portuguese/Azorean had 94
 - My paternal uncle was second with 78
 - These two are related and appear to be picking up that same cross-parent effect I discussed earlier
- Only 1 kit had 0 in both – the one that was half-Polish and half western European



% of Unassigned

- Most kits had 5% to 15% Unassigned
- One kit had nearly 80% Unassigned!
- Can you guess which one?
 - ANSWER: the one identified by Ancestry as 100% European Ashkenazi Jewish



Final Impressions

- Very accurate as best I can tell
 - One note: one person who shared their results with me had a lot of inconsistencies such as when viewing one parent I would see matches showing up from the other line --- this seems to be an odd Ancestry error (I have not seen this in any other kits)
- The “both” category can be fascinating to investigate and try to find situations where both parents share one or more of the same line(s)
- Endogamy with the 100% European Jewish kit really stood out with a huge number of matches as well as matches over 20 cMs --- most matches were marked as “Unassigned”
 - Curiously, that kit had only 9 kits marked as both

Upcoming Classes/Presentations

Sat, Nov 12, 1 pm – 2 pm

Title: Make Your Own DNA Family Tree Charts

Description: In this class we will cover making your own charts of DNA matches. How to do it and why it can be very powerful to organize your DNA matches. We will discuss how to integrate your DNA match data from different companies in order to validate and extend your family tree.

Thurs, Nov 17, 9 am (Private Group—contact Ken for information)

Topic: Intro to DNA plus look at Ancestry's new SideView feature.

Mon, Dec 5, 7 pm (Private Group—contact Ken for information)

Topic: DNAPainter

Sat, Dec 10, 1 pm – 2 pm

Title: A Unified Process for Working with Ancestry DNA Matches

Description: We will discuss a useful methodology for working your DNA matches starting with the basics and then digging deeper into ways to improve your Ancestry DNA efforts. This will include using Tag Groups, shared matches, and identifying those matches in order to add to your family tree.

Wed, Feb 1, 7 pm (Private Group—contact Ken for information)

Topic: Working with DNA Matches



All classes 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).



Presentations:

<http://familytreeaz.com/Presentations>



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Me with my paternal uncle,
Kenny Waters, 1929-2022