DNA
I. CASE STUDIES PER TEST
II. NEW THINGS PER COMPANY

By Kenneth H. Thomas, Jr.

October 7, 2023

Archives and Genealogy Day

DNA TESTS

FAMILY TREE DNA

- Only company to offer the ***mtDNA*** or mitochondrial test of the direct matrilineal line.
- Only company to offer the ***Y-DNA*** test of the direct male line.

Autosomal Tests

- Offered by all five major DNA testing companies.
- **Ancestry.com** and **23andMe** require a ***spit test*** be done and you cannot transfer results in.
- **FamilyTreeDNA**, **LivingDNA**, and **MyHeritage** use the ***cheek swab*** and allow results transferred in.

mtDNA Test-how to make it work for you

- Find a direct matrilineal line.
- From a female relative, or yourself, back to ? (Your mother's mother's mother.) or their mother's mother, etc.
- Depending on what you are hoping to prove, verify.
- Finding the candidate is one thing, getting them to test is another.
- But if you need this information, keep at it.

- mtDNA only offered at Family Tree DNA.
- Bargain discounts often. Only the ***Full Sequence test*** will do.

The Wellborn/Sanders/Driver proof

- Sarah Sanders Wellborn (1802-1850s) –Ken's ancestor and Ken's mtDNA test.
- 6 generations from Sarah thru Ken's grandmother, his mother, to him.
- His research/paper trail was weak as a lot was unprovable.
- But a friend secured a DNA test that sealed the deal.

Daughters of Nathaniel Sanders and Mary Driver

Sarah S. Wellborn (1802-50s) ***sisters*** Martha S Deloach

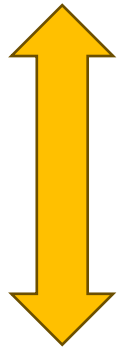
Eliza W. Hudson (1845-1917)

Jennie H. Russell (1868-1960)

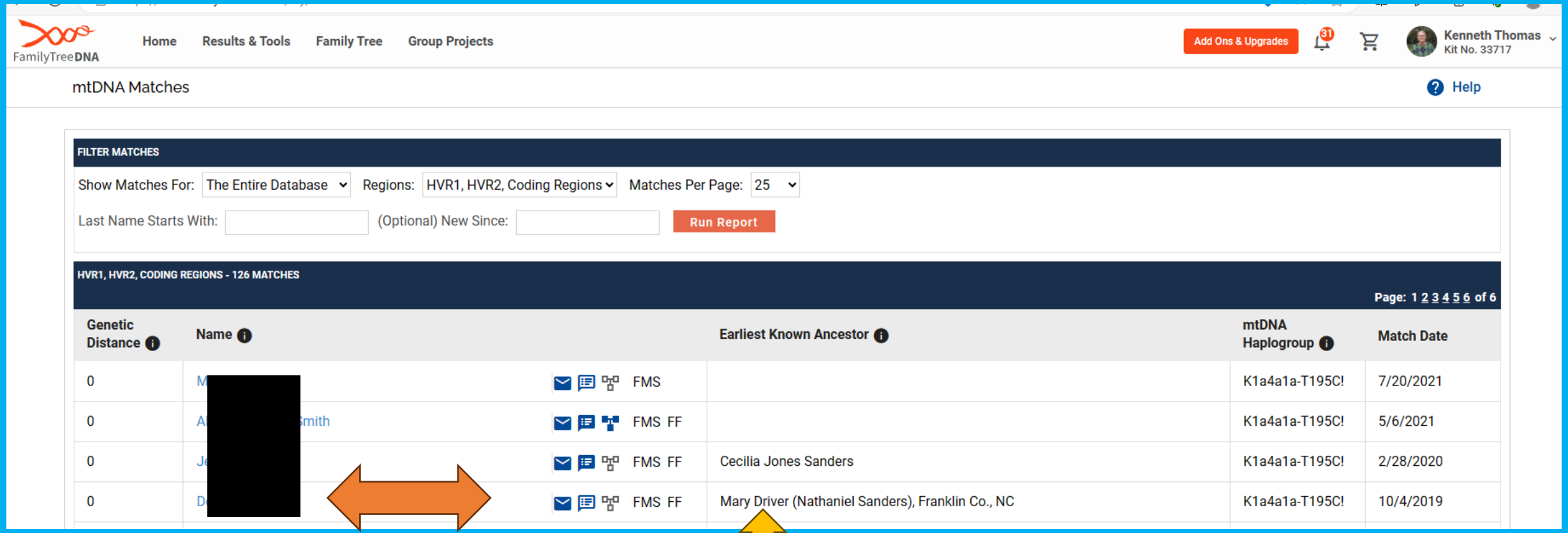
Helen R. Brooks (1905-1993)

Louise B. Thomas (1922-2021)

Ken



Debra S. DNA



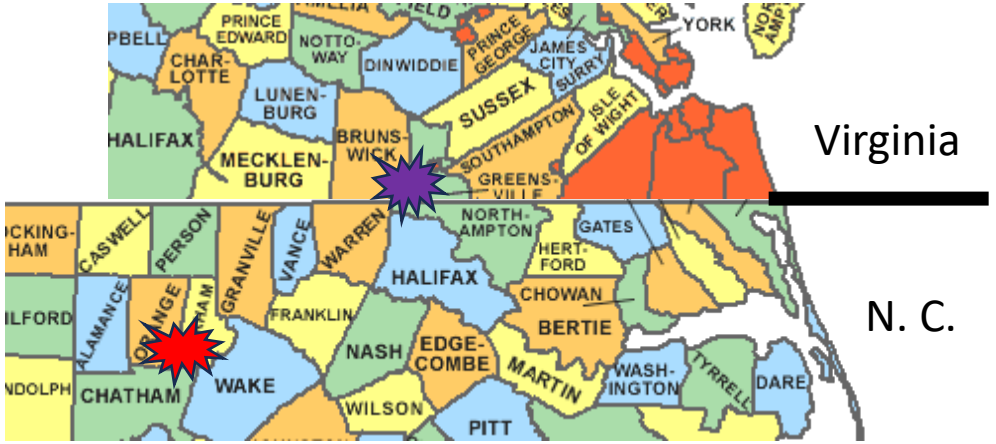
Rest of matches cut off for the purpose Of this slide. KHTjr.

This info added after the match was made. Not Automatic. Added by that test taker.

Phebe (?) Barbee (c.1774-1836) Orange Co., NC- What was maiden name?

- Find direct female desc. to test.
- Several were eligible.
- Picked one who had already done a DNA test, knew her.
- mtDNA results in Sept. 2022.
- Highest match had done genealogy, had tree, and thus her direct maternal line helped.

- Red Star-Orange Co.NC-Phebe
- Purple Star-Brunswick/Greensville Co. VA for mtDNA match's ancestors, so far.



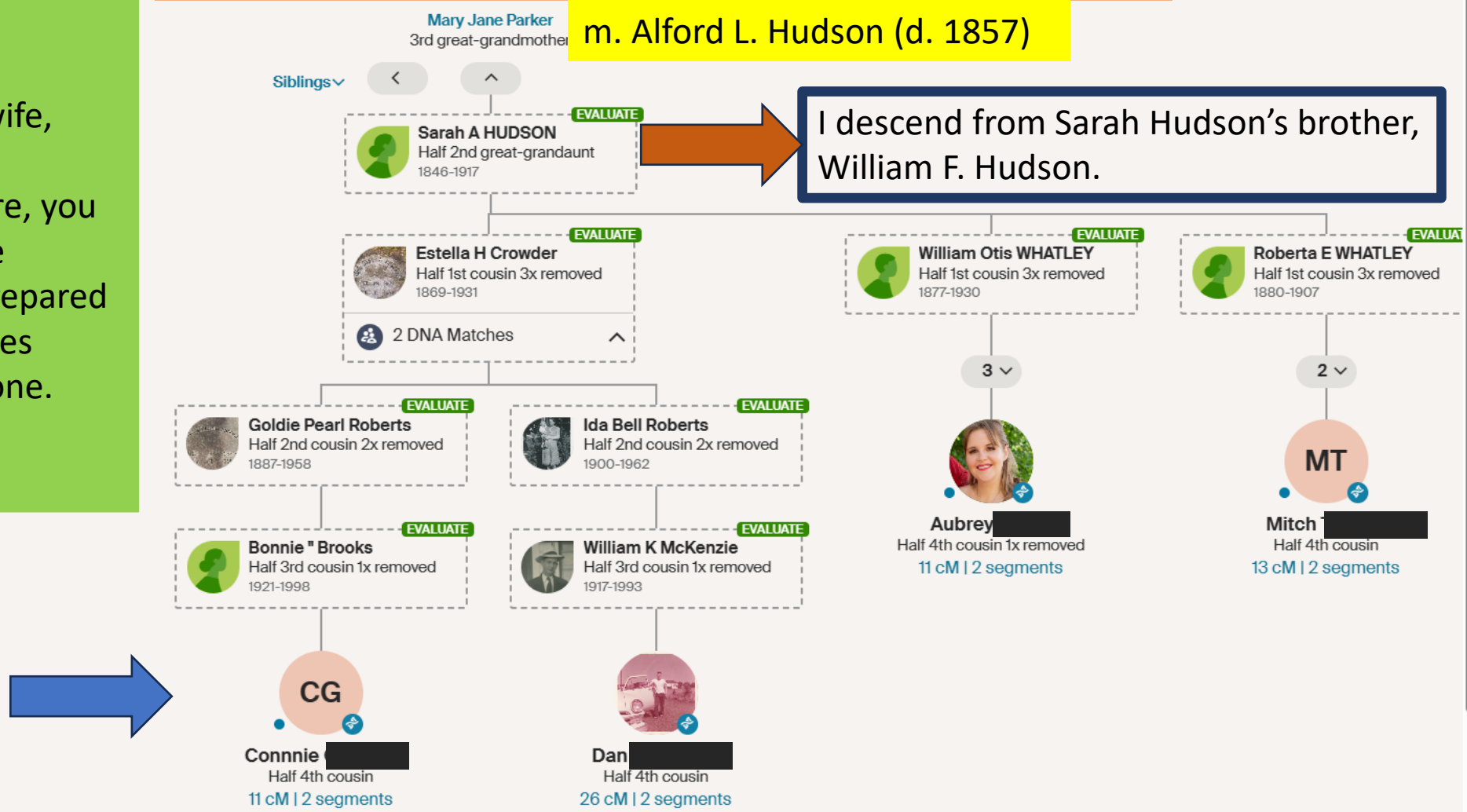
ThruLines® for Mary Jane Parker

ThruLines® uses Ancestry® trees to suggest that you may be related to 29 DNA matches through Mary Jane Parker.

James Parker (1780s-1850s, Houstoun Co., GA-wife unknown

Mary Jane Parker
only known daughter of
James Parker and his first wife,
name unknown.
For mtDNA to be useful here, you
Have to test a direct female
Descendant. While I was prepared
To track one down, ThruLines
Has lead me right to someone.

Next step, Get In Touch.



Y-DNA Test-only at Family Tree DNA

- Y-DNA test can only be taken by men. *Minimal 37 marker test.*
- Need to find a man in the direct male surname line to test.
- May need to pick a cousin if you have no male siblings, etc.
- Be prepared for whatever results show up.
- There can be surprises.

- **Humphries** test-Ken took to prove the family story.
- **Russell** test-cousins matched, proved family origin story.
- **Harrison** test pending, if we find the right people to test on each branch.
- **Knott** test pending, see the Group Projects at FTDNA-How will the candidate fit?

HUMPHRIES TEST TO PROVE FAMILY STORY

- Ken's paternal grandfather born c. 1893 to a single mother, Vina Hoyle.
- After she married in 1902, she gave her children the surname Thomas.
- Knew since 1967 that Thomas was not our ancestral name. Took until 1992 to get a hint.
- Cousin said man's name was Humphries.

- Ken did Y-DNA test in 2005
- Got results in late 2006
- At first, Matched one Humphries, on a different branch.
- By then had researched the clues and knew our purported ancestor was William Humphries who died 1825 Rutherford Co., NC on the NC/SC line.

ancestry Home Trees Search DNA Help Extras Hire an Expert 17 Ken Thomas EN

Back to all ThruLines Provide feedback

ThruLines® for Samuel Humphries

ThruLines® uses Ancestry® trees to suggest that you may be related to 59 DNA matches through Samuel Humphries.

Relationships List

Samuel Humphries
4th great-grandfather

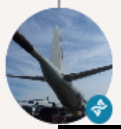
William Pettis Humphreys Siblings

Daniel Humphries
3rd great-grandfather
1807-1883

Perry G. Humphries
2nd great-grandfather
1831-1888
11 DNA Matches
3

Kenneth H. Thomas

EVALUATE
Stephen Humphries
2nd great-granduncle
1833-1894
3 DNA Matches

EVALUATE
Frances Humphries
2nd great-grandaunt
1835-1895
4

elizabethra[redacted]
4th cousin
8 cM | 1 segments

EVALUATE
Misanah Humphries
2nd great-grandaunt
1843-1901
3
DW
Donna Mc[redacted]
4th
11 cM | 2 segments

EVALUATE
Lawson Humphries
2nd great-granduncle
1845-
4 DNA Matches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EN
Back to all ThruLines
Provide feedback
ThruLines® for Samuel Humphries
ThruLines® uses Ancestry® trees to suggest that you may be related to 59 DNA matches through Samuel Humphries.
Relationships
List
Samuel Humphries
4th great-grandfather
Daniel Humphries
3rd great-grandfather
Perry G. Humphries
2nd great-grandfather
1831-1888
This is the man the
Family story identified
Known as Mun Humphries
EVALUATE
Olander W Humphries
Great-granduncle
1851-1910
EVALUATE
James G W Humphry
Great-granduncle
1858-1910
2 DNA Matches
EVALUATE
Perry C Humphries
Great-granduncle
1863-1907
2 DNA Matches
Daniel M Humphries
Great-grandfather
1866-1937
5 DNA Matches
Summey A Humphries
Great-granduncle
1875-1936
2
SU
susan [redacted]
3rd cousin
24 cM | 2 segments
2
Kenneth H. Thomas
2
Byshe [redacted]
3rd cousin
18 cM | 2 segments

RUSSELL FAMILY PROJECT: PROVING A STORY

- Russell family ancestor born c. 1866 out-of-wedlock.
- Purported father lived in Eufaula, AL & never acknowledged sons.
- No male Russell-surnamed descendants in the legitimate line.
- Had to find descendant of a brother of the purported father.
- Went up the tree and back down.
- Found DNA test taker in Arkansas.
- The two Russell-surnamed men were exact match at genetic distance 0 at FamilyTreeDNA.

My 2nd Cousin on Russell Line.

HARRISON Y-DNA-GOT TO FIND SOMEONE

- The Y-DNA test on my Harrison family is needed to link ours in Mecklenburg Co., NC with the line in adjacent Rowan Co., NC.
- We have autosomal matches with them.
- The Rowan Co., NC Harrisons on paper can be proven back to St. Mary's Co., MD. My ancestor in Meck. Co. said in 1880 parents born in MD (bef. 1780S).
- My Harrison branch narrows down to one 15 yr. old, and we would have to deal with a minor, his mother, and I don't know them.
- So what next?
- My great-grandfather C. W. Harrison was the youngest of 6 brothers, and had 15 siblings total.
- He had a very distinct look.
- So its clear to me that the descendants of one brother who have already done DNA would be good to contact.
- The Rowan Co. group already have someone who they hope to test.
- **But don't wait too long**.

C. W. HARRISON AND HIS BROTHER-clearly they are brothers, so DNA should be OK.

C. W. Harrison (1876-1946), my great-grandfather.

Phonzo M. Harrison (1868-1916), his brother.

Before Y-DNA Testing someone, check to see if anyone on your line has already tested at Y-DNA.

- At FTDNA you can go to the Group Projects area.
- Find the Y-DNA group for your surname, usually mixed with other spelling variations.
- You don't see the tester's name, but you can see if they have put any useful data down.
- Always check first.

- For the ***Harrison*** family, checking this has not proven any possible links.
- But on the *Knott* DNA project there are a number of men tested, variously grouped.
- The man we have asked to test, from Granville Co., NC, should match one of these groups.
- ***That match could lead our research in a new direction.***

The Harrison Group Project on FTDNA, has a **Results Page** where they have sorted all the DNA matches into groups, and if the person knew anything, their earliest Harrison ancestor and location. Mine do not show up.

Updated 17 July 2023

Project #	Kit#	Earliest Known Harrison Ancestor	Haplogroup	Markers 1-12													Markers 13-25												Markers 26-37				
				DYS393	DYS390	DYS19	DYS391	DYS385	DYS426	DYS388	DYS439	DYS389i	DYS392	DYS389ii	DYS458	DYS459	DYS455	DYS454	DYS447	DYS437	DYS448	DYS449	DYS464	DYS460	Y-GATA-H4	YCAII	DYS456	DYS6
Lineage 1- Harrison of Virginia, NC & Sligo Ireland				**13**	**25**	**14**	**11**	**11-13**	**12**	**12**	**12**	**13**	**14**	**29**	**17**	**9-10**	**11**	**11**	**25**	**15**	**18**	**30**	**15- 16- 16- 17**	**11**	**11**	**19- 23**	**17**	**16**
H-142	158058	James Harrison b. 1770 Surry Co., NC	R-M269	13	24	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	17	16
Y-95	921423	James Curley b. abt 1830	R-Y36587	13	24	14	11	11-13	12	12	12	13	14	30	17	9-10	11	11	25	15	18	27	15- 16- 16- 17	11	11	19- 23	17	16
Y-61	591619	Owen Curley b. 1818 Limnagh, Co. Sligo, Ireland	R-BY198	13	24	14	11	11-13	12	12	12	13	14	30	17	9-10	11	11	25	15	18	28	15- 16- 16- 17	11	11	19- 23	17	16
H-378	IN68820	Patrick Harrison b. c1815 Cliffoney, County Sligo, Ireland	R-BY212908	13	24	14	11	12-13	12	12	12	12	14	28	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	16	15
Y-22	262412	Jethro J. Jones b. 1826 North Carolina	R-M269	13	25	14	11	11-13	12	12	11	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	17	16
H-36	73149	Joseph Harrison b. 1765 Rowan Co., NC	R-M173	13	25	14	11	11-13	12	12	12	13	13	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17					
H-34	74900	Joseph Harrison b. 1765 Rowan Co., NC	R-M173	13	25	14	11	11-13	12	12	12	13	14	29														
Y-25	365847	R Elliott	R-M269	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	17	16
H-260	316479	James Harrison b. 1770 Surry Co., NC	R-BY90891	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	17	16
Y-112	934506	Rev. Nathaniel Moore b. 10 Dec 1757	R-BY178366	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	25	15	18	30	15	15- 16- 16- 17	11	11	19-23	17	16
H-59	B246460	John E Moore, b. 1857 Alabama	R-BY178366	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	17	16
H-204	224799	John Harrison b. c1760 King George Co., VA	R-M269	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	17	16
H-349	787585	William Harrison b. c1733 res. Surry Co., NC	R-M269	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	17	16
H-360	830808	John Pettus Harrison b. 1812 Fluvanna Co., VA	R-M269	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	17	16
Y-108	976155	ED Elliott	R-M269	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	17	16
Y-63	MK40380	Samuel Elliott, b. 1816 KY and d. 1883 MO	R-BY204236	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	17	16
H-41	92400	William Harrison b. c1733 res. Surry Co., NC	R-M269	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	17	16
H-392	929307	EB Elliott	R-M269	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	17	16
H-7	37094	William Harrison b. c1733 res. Surry Co., NC	R-BY90891	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	17	16
H-29	71097	William Harrison b. c1733 res. Surry Co., NC	R-M269	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	17	16
H-12	N1999	Robert Harrison b. c1756 res. Surry Co., NC	R-M269	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	17	16
H-196	211621	William Harrison b. 1730 NC or VA	R-M269	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	17	16
H-367	831477	G Harrison	R-M269	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	17	16
Y-62	614767	Alfred Elliott b. 1842	R-BY204236	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	31	15- 16- 17- 17	12	11	19- 23	17	16
H-206	228702	Lewis Harrison b. 1812 NC	R-M269	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	32	15- 16- 16- 16	12	11	19- 23	17	16
Y-46	402528	KD Hartley	R-M269	13	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	16	19	30	15- 16- 16- 17	11	11	19- 23	17	16
H-416	969822	J. Harrison	R-M269	13	25	15	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	16	16
H-364	802542	James Harrison b. 19 July 1785 Wake Co., NC	R-M269	13	25	15	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 17	11	11	19- 23	17	16
H-75	116767	George Harrison b. c1756 Culpeper Co., VA	R-M269	14	25	14	11	11-13	12	12	12	13	14	29	17	9-10	11	11	25	15	18	30	15- 16- 16- 16	11	11	19- 23	17	16
Lineage 2- Harrison of Brunswick & Cumberland VA				**13**	**23**	**14**	**11**	**11-13**	**12**	**12**	**12**	**13**	**13**	**29**	**17**	**9-10**	**11**	**11**	**25**	**15**	**19**	**28**	**15- 15- 17- 18**	**10**	**11**	**19- 23**	**15**	**15**
H-199	212542	Henry Harrison b. abt 1700 VA	R-M269	12	23	14	11	11-13	12	12	12	13	13	29	17	9-10	11	11	25	15	19	28	15- 15- 17- 18	10	11	19- 23	16	15

Knotts Family - Y-DNA Colorized Chart

For genealogy within the most recent fifteen generations, STR markers help define paternal lineages. Y-DNA STR markers change (mutate) often enough that most men who share the same STR results also share a recent paternal lineage. This page displays Y-Chromosome DNA (Y-DNA) STR results for the project. It uses the colorized format. The columns display each project member's kit number, paternal ancestry information according to project settings, the paternal tree branch (haplogroup), and actual STR marker results. The color coding of STR names is explained here. In the haplogroups column, haplogroups in green are confirmed by SNP testing. Haplogroups in red are predicted. Above each subgroup, we display the minimum, maximum and mode values for each STR marker in the subgroup. STR marker values that differ from the mode values are color-coded. You can read about the coding system here. You may learn more about Y-DNA STRs on the Understanding Y-DNA STRs learning page.

Orange Arrow indicates someone that claims Their Knott line is the one from Jamestowne.

Markers: Y-DNA37 | Page Size: 500 | Show All Columns

Kit Number | exactly matches | Search

Kit Number	Name	Paternal Ancestor Name	Country	Haplogroup	DYS393	DYS390	DYS19	DYS391	DYS385	DYS426	DYS388	DYS439	DYS389I	DYS392	DYS389II	DYS458	DYS459	DYS455	DYS454	DYS447	DYS437	DYS448	DYS449	DYS464	DYS460	Y-GATA-H4	YCA II	DYS456	DYS607	DYS576	DYS570	CDY	DYS442	DYS438	DYS531	DYS578	DYF395S1	DYS590	DYS537	DYS641	DYS472	DYF406S1	DYS511	DYS425	DYS413	DYS557	DYS594	DYS436	DYS490	DYS534	DYS450	DYS444	DYS481	DYS520
Knotts 1																																																						
MIN					13	23	14	11	11-14	12	12	11	13	13	29	20	9-10	11	11	24	15	19	28	14-15-17-17	10	12	19-23	15	15	17	18	36-39	12	12	11	9	14-15	8	10	10	8	10	10	12	23-23	16	10	12	12	15	8	12	23	21
MAX					13	23	14	12	12-14	12	12	11	13	13	29	22	9-10	11	11	25	15	19	29	14-16-18-18	10	12	19-23	16	15	17	18	39-40	12	12	11	9	14-15	8	10	10	8	10	10	12	23-23	16	10	12	12	15	8	12	23	21
MODE					13	23	14	11	12-14	12	12	11	13	13	29	21	9-10	11	11	25	15	19	29	14-15-17-18	10	12	19-23	16	15	17	18	37-39	12	12	11	9	14-15	8	10	10	8	10	10	12	23-23	16	10	12	12	15	8	12	23	21
357528	Knott		England	R-M269	13	23	14	11	11-14	12	12	11	13	13	29	21	9-10	11	11	25	15	19	28	14-15-17-18	10	12	19-23	16	15	17	18	39-39	12	12	11	9	14-15	8	10	10	8	10	10	12	23-23	16	10	12	12	15	8	12	23	21
353528	Knotts	Nathaniel Knotts	Unknown Origin	R-M269	13	23	14	11	11-14	12	12	11	13	13	29	22	9-10	11	11	25	15	19	29	14-15-17-18	10	12	19-23	16	15	17	18	38-39	12	12																					
179025	Knotts	James Knott b. abt 1593, d. before May 1653	United States	R-M269	13	23	14	11	12-14	12	12	11	13	13	29	21	9-10	11	11	25	15	19	29	14-15-18-18	10	12	19-23	16	15	17	18	37-40	12	12	11	9	14-15	8	10	10	8	10	10	12	23-23	16	10	12	12	15	8	12	23	21
149055	Knotts	James Knott/Knotts b. 1605	England	R-M269	13	23	14	12	12-14	12	12	11	13	13	29	21	9-10	11	11	25	15	19	29	14-15-18-18	10	12	19-23	15	15	17	18	37-39	12	12	11	9	14-15	8	10	10	8	10	10	12	23-23	16	10	12	12	15	8	12	23	21
Knotts Haplogroup R																																																						
MIN					12	23	14	10	11-14	12	12	10	13	11	29	14	9-9	11	11	23	14	18	28	12-12-15-15	11	10	19-23	14	14	17	16	35-36	12	11	11	8	15-16	8	10	10	8	10	10	12	22-22	15	10	12	12	13	8	11	22	19
MAX					13	25	16	12	11-15	12	12	12	13	14	30	17	9-11	11	11	25	15	20	32	16-16-17-19	11	11	19-23	17	16	20	19	37-40	15	12	11	9	17-17	8	11	10	8	10	11	12	23-23	16	10	12	12	17	8	14	23	21
MODE					13	24	14	10	11-14	12	12	11	13	13	29	17	9-10	11	11	25	15	19	29	15-16-17-17	11	11	19-23	15	15	17	17	36-39	12	12	11	9	15-16	8	10	10	8	10	10	12	23-23	16	10	12	12	14	8	12	23	20
204211	Knott	Abraham Knott, b. 1794 and d. 1860	Unknown Origin	R-M269	12	24	14	12	11-14	12	12	12	13	13	29	17	9-10	11	11	25	15	19	32	15-15-16-17	11	11	19-23	15	14	18	18	36-37	12	12	11	9	15-16	8	10	10	8	10	10	12	22-23	16	10	12	12	17	8	13	23	20
B326788	Knott	James Nott, b. 1825 and d. 1904	England	R-M269	13	23	14	11	11-14	12	12	11	13	13	29	16	9-9	11	11	23	15	19	28	15-16-17-18	11	10	19-23	17	15	17	17	36-36	12	12																					
139841	Knott	knott.john	England	R-M269	13	24	14	10	11-15	12	12	11	13	14	29	17	9-10	11	11	24	15	19	29	15-15-17-17	11	11	19-23	15	15	19	17	36-38	12	12																					
477199	nott	Asahal nott born 1804/5 springfield	United States	R-FT5016	13	24	14	10	11-15	12	12	12	13	13	29	16	9-10	11	11	25	15	19	29	15-15-17-17	11	11	19-23	16	15	17	18	36-40	12	12	11	9	15-16	8	10	10	8	10	11	12	23-23	15	10	12	12	14	8	12	23	20
Knotts Raymond																																																					
MIN					13	24	14	11	11-15	12	12	11	13	13	29	17	8-10	11	11	25	15	19	30	15-15-16-17	11	10	19-23	16	14	18	17	36-37	12	12	11	9	15-16	9	10	10	8	10	10	12	23-24	16	10	12	12	17	8	14	24	20
MAX					13	24	14	11	11-15	12	12	11	13	13	29	17	8-10	11	11	25	15	19	30	15-15-16-17	11	10	19-23	16	14	18	17	36-37	12	12	11	9	15-16	9	10	10	8	10	10	12	23-24	16	10	12	12	17	8	14	24	20
MODE					13	24	14	11	11-15	12	12	11	13	13	29	17	8-10	11	11	25	15	19	30	15-15-16-17	11	10	19-23	16	14	18	17	36-37	12	12	11	9	15-16	9	10	10	8	10	10	12	23-24	16	10	12	12	17	8	14	24	20
374543	Raymond		Unknown Origin	R-FTA78379	13	24	14	11	11-15	12	12	11	13	13	29	17	8-10	11	11	25	15	19	30	15-15-16-17	11	10	19-23	16	14	18	17	36-37	12	12	11	9	15-16	9	10	10	8	10	10	12	23-24	16	10	12	12	17	8	14	24	20
No Apparent Knotts Connection: Requests For Clarification Sent																																																					
MIN					13	25	14	11	11-15	12	12	12	13	13	29	18	9-9	11	11	25	15	20	30	15-15-17-18	11	12	19-23	16	16	17	19	39-40	12	12																					
MAX					13	25	14	11	11-15	12	12	12	13	13	29	18	9-9	11	11	25	15	20	30	15-15-17-18	11	12	19-23	16	16	17	19	39-40	12	12																					
MODE					13	25	14	11	11-15	12	12	12	13	13	29	18	9-9	11	11	25	15	20	30	15-15-17-18	11	12	19-23	16	16	17	19	39-40	12	12																					
Ungrouped																																																				
MIN					13	23	14	10	11-14	12	12	11	12	13	28	16	9-9	11	11	25	14	18	29	15-15-16-17	10	10	19-19	15	14	15	17	34-36	12	12	11	9	15-16	8	10	10	8	10	10	12	21-23	16	10	12	12	14	8	11	22	19
MAX					13	24	15	11	12-15	12	12	12	13	13	29	17	9-10	11	11	25	15	19	30	15-16-17-18	11	11	21-23	16	15	18	18	39-39	12	13	11	9	15-16	9	10	10	8	10	10	12	23-24	16	11	12	12	17	8	14	24	21
MODE					13	24	14	11	11-14	12	12	12	13	13	29	17	9-10	11	11	25	15	19	29	15-15-16-17	11	11	19-23	16	15	17	18	36-38	12	12	11	9	15-16	8	10	10	8	10	10	12	23-23	16	10	12	12	15	8	13	22	20
121404	Knott	Sir Henry le Notte of Solihull, b. in cira 1165,	England	R-L47	13	23	14	11	11-14	12	12	11	13	13	28	16	9-10	11	11	25	15	19	29	15-15-16-18	11	11	21-23	15	15	17	17	37-38	12	12	11	9	15-16	8	10	10	8	10	10	12	21-23	16	10	12	12	14	8	13	22	20
916448	Kinney	William Knotts	Unknown Origin	R-M269	13	23	14	11	11-14	12	12	11	13	13	29	21	9-10	11	11	24	15	19	29	14-15-17-18	10	12	19-23	16	15	17	18	38-39	12	12	11	9	14-15	8	10	10	8	10	10	12	23-23	16	10	12	12	15	8	12	23	21
77593	Knott	Knott, abt 1649, St. Mary's Co., MD	England	R-S16218	13	23	14	11	11-14	12	12	12	13	13	29	17	9-10	11	11	25	14	19	29	15-15-17-17	11	11	19-23	16	15	16	18	39-39	12	13	11	9	15-16	8	10	10	8	10	10	12	23-23	16	10	12	12	15	8	12	22	20
945133	Knotts	James Knotts b. 1839 d. 1927	United States	R-FTA28086	13	23	14	11	12-14	12	12	11	13	13	29	21	9-10	11	11	25	15	19	29	14-15-17-18	10	11	19-23	16	15	17	18	37-39	12	12	11	9	14-15	8	10	10	8	10	10	12	23-23	16	10	12	12	15	8	12	23	21
275351	stump	lansberry	United States	R-M269	13	23	14	11	12-14	12	12	11	13	13	29	21	9-10	11	11	25	15	19	30	14-15-18-18	10	12	19-23	16	15	17	18	37-39	12	12	11	9	14-15	8	10	10	8	10	10	12	23-23	16	10	12	12	15	8	12	23	21
B6909	Redman	John Redman (1623-1673)	England	R-FTA53009	13	24	14	11	11-14	12	13	12	13	13	29	17	9-10	11	11	26	15	19	29	15-15-17-18	11	9	19-23	15	16	17	17	33-37	12	12	11	9	15-16	8	10	10	8	10	10	12	22-23	16	10	12	12	15	8	12	23	20
12015	Knotts	William Knotts, b. 1800 and d. 1850	United Kingdom	R-P312	13	24	14	11	11-15	12	12	11	13	13	29	17	9-10	11	11	25	15	19	30	15-15-16-17	11	10	19-23	16	14	18	17	36-36	12	12	11	9	15-16	9	10	10	8	10	10	12	23-24	16	10	12	12	17	8	14	24	20
970	Knott	John Knott, b c1730 d 1783 Calstock, Cornwall	England	R-M269	13	24	15	10	11-14	12	12	12	13	13	29	17	9-10	11	11	25	15	18	29	15-15-16-17	11	11	19-23	16	14	17	18	38-38	12	12	11	9	15-16	8	10	10	8	10	10	12	23-24	16	10	12	12	14	8	11	22	19
236808	Knott		Unknown Origin	R-M269	13	24	15	11	11-14	12	12	11	13	13	29	16	9-9	11	11	25	15	19	29	15-16-17-18	10	11	19-19	16	15	15	18	34-38	12	12	11	9	15-16	8	10	10	8	10	10	12	23-23	16	11	12	12	15	8	13	23	21

ATKINSON FAMILY: 4 NAME VARIATIONS

- SPELLING VARIATIONS SHOW CHANGES IN A NAME OVER CENTURIES.
- MY FRIEND'S LINE CAN BE TRACED ON PAPER AS ***ATKINSON*** BACK INTO N.C. IN 1780s.
- THESE OTHER MEN MAY NOT HAVE THOUGHT OF NAME VARIATIONS.

SURNAME VARIATIONS OF MATCHES

Genetic Distance 0:

Atkinson (2)

Caulder

Blair (2)

Genetic Distance 1:

Atkinson (2)

Atkison

Adkison

G. D. 2: Atkins

Autosomal DNA

- Proof of other matches, mysteries thru Ancestry.com's ThruLines is good example of why to use that site.

- To verify a line and your paper trail you may need to recruit more test takers, and if need be, pay for them yourself. Again, depending on your goals.

- Case Study Huneycutt.

The Shared cM Project – **Version 4.0** (March 2020)

Blaine T. Bettinger
www.TheGeneticGenealogist.com

How to read this chart:

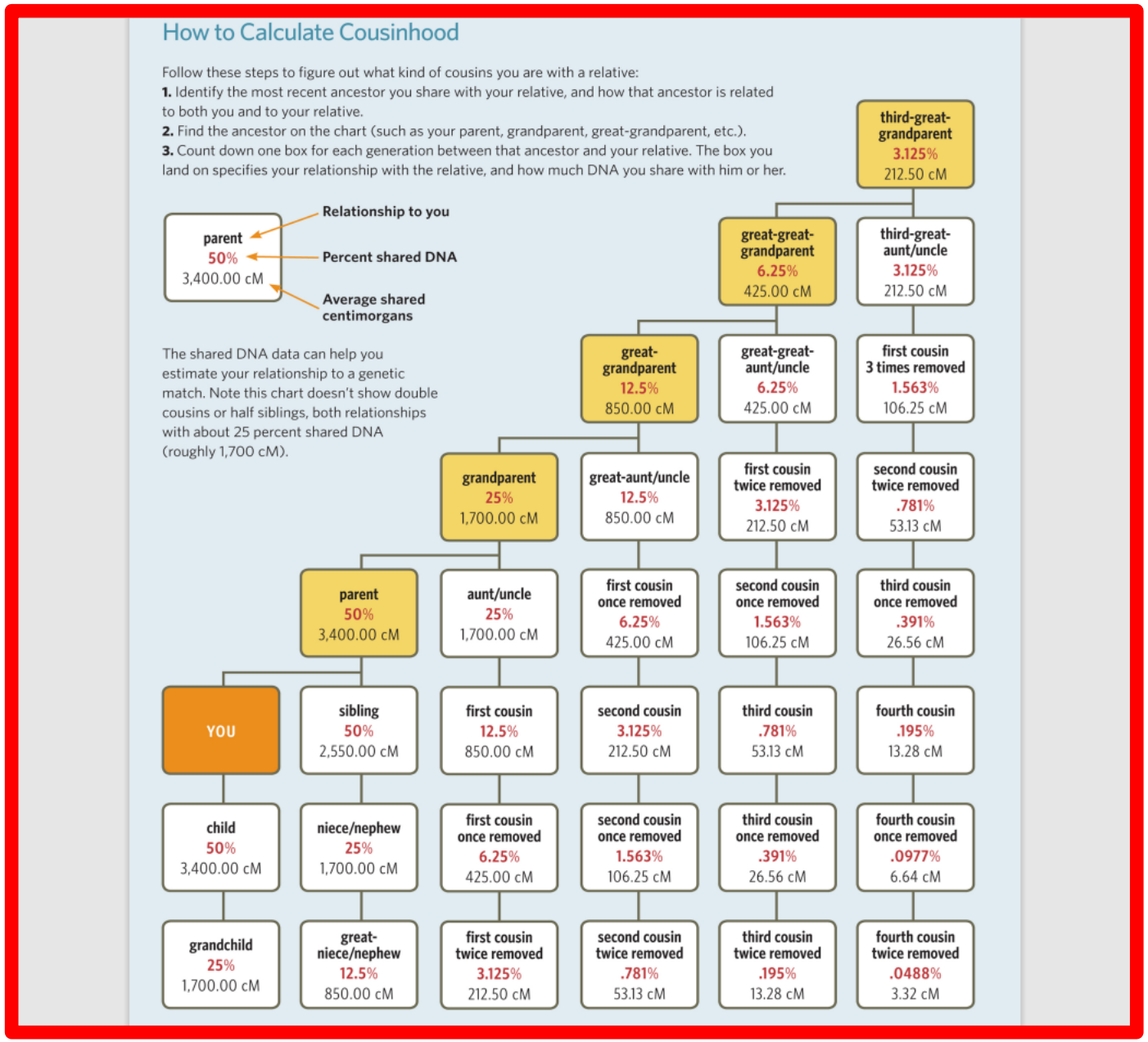
Aunt/Uncle
1741
1201 - 2282

Relationship
Average
Range (min-max)

									Great-Great-Great-Grandparent	**GGGG-Aunt/Uncle**
							Great-Great-Grandparent		**GGG-Aunt/Uncle**	
Half GG-Aunt/Uncle 208 103 – 284	**Great-Grandparent** 887 485 – 1486						**Great-Great Aunt/Uncle** 420 186 – 713	**1C3R** 117 25 – 238	**2c3R** 51 0 – 154	Other Relationships
Half 1C2R 125 16 – 269	**Half Great-Aunt/Uncle** 431 184 – 668	**Grandparent** 1754 984 – 2462				**Great Aunt/Uncle** 850 330 – 1467	**1C2R** 221 33 – 471	**2c2R** 71 0– 244	**3C2R** 36 0 – 166	**6C** 18 0 – 71
Half 2c1R 66 0 – 190	**Half 1C1R** 224 62 – 469	**Half Aunt/Uncle** 871 492 – 1315	**Parent** 3485 2376 - 3720			**Aunt/Uncle** 1741 1201 - 2282	**1C1R** 433 102 – 980	**2c1R** 122 14 – 353	**3C1R** 48 0 – 192	**4C1R** 28 0 – 126	**6C1R** 15 0 – 56
Half 3c 48 0 – 168	**Half 2c** 120 10 – 325	**Half 1C** 449 156 – 979	**Half-Sibling** 1759 1160 – 2436	**Sibling** 2613 1613 – 3488	**SELF**	**1C** 866 396 – 1397	**2c** 229 41 – 592	**3c** 73 0 – 234	**4c** 35 0 – 139	**5c** 25 0 – 117	**6C2R** 13 0 – 45
Half 3c1R 37 0 – 139	**Half 2c1R** 66 0 – 190	**Half 1C1R** 224 62 – 469	**Half Niece/Nephew** 871 492 – 1315	**Niece/Nephew** 1740 1201 - 2282	**Child** 3487 2376 – 3720	**1C1R** 433 102 – 980	**2c1R** 122 14 – 353	**3C1R** 48 0 – 192	**4C1R** 28 0 – 126	**5C1R** 21 0 – 80	**7C** 14 0 – 57
Half 3c2R 27 0 – 78	**Half 2c2R** 48 0 – 144	**Half 1C2R** 125 16 – 269	**Half Great Niece/Nephew** 431 184 – 668	**Great-Niece/Nephew** 850 330 – 1467	**Grandchild** 1754 984 – 2462	**1C2R** 221 33 – 471	**2c2R** 71 0– 244	**3C2R** 36 0 – 166	**4C2R** 22 0 – 93	**5C2R** 18 0 – 65	**7C1R** 12 0 – 50
Half 3c3R	**Half 2c3R**	**Half 1C3R** 60 0 – 120	**Half GG Niece/Nephew** 208 103 – 284	**Great-Great-Niece/Nephew** 420 186 – 713	**Great-Grandchild** 887 485 – 1486	**1C3R** 117 25 – 238	**2c3R** 51 0 – 154	**3C3R** 27 0 – 98	**4C3R** 19 0 – 60	**5C3R** 13 0 – 30	**8C** 11 0 – 42

Minimum was automatically set to 0 cM for relationships more distant than Half 2C, and averages were determined only for submissions in which DNA was shared

Family Tree Magazine Chromosome Chart



How to Calculate Cousinhood

Follow these steps to figure out what kind of cousins you are with a relative:

1. Identify the most recent ancestor you share with your relative, and how that ancestor is related to both you and to your relative.

2. Find the ancestor on the chart (such as your parent, grandparent, great-grandparent, etc.).

3. Count down one box for each generation between that ancestor and your relative. The box you land on specifies your relationship with the relative, and how much DNA you share with him or her.

parent
50%
3,400.00 cM

Relationship to you

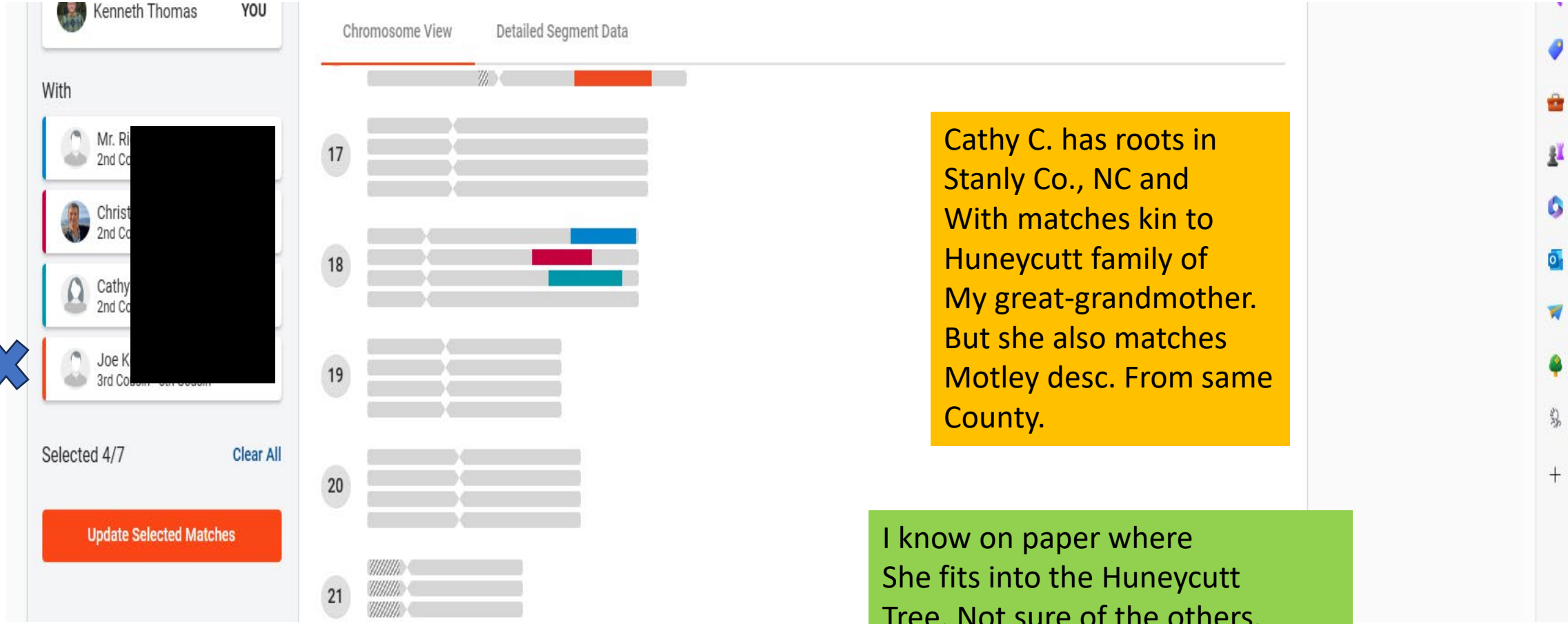
Percent shared DNA

Average shared centimorgans

The shared DNA data can help you estimate your relationship to a genetic match. Note this chart doesn't show double cousins or half siblings, both relationships with about 25 percent shared DNA (roughly 1,700 cM).

					third-great-grandparent 3.125% 212.50 cM
				great-great-grandparent 6.25% 425.00 cM	third-great-aunt/uncle 3.125% 212.50 cM
			great-grandparent 12.5% 850.00 cM	great-great-aunt/uncle 6.25% 425.00 cM	first cousin 3 times removed 1.563% 106.25 cM
		grandparent 25% 1,700.00 cM	great-aunt/uncle 12.5% 850.00 cM	first cousin twice removed 3.125% 212.50 cM	second cousin twice removed .781% 53.13 cM
	parent 50% 3,400.00 cM	aunt/uncle 25% 1,700.00 cM	first cousin once removed 6.25% 425.00 cM	second cousin once removed 1.563% 106.25 cM	third cousin once removed .391% 26.56 cM
YOU	sibling 50% 2,550.00 cM	first cousin 12.5% 850.00 cM	second cousin 3.125% 212.50 cM	third cousin .781% 53.13 cM	fourth cousin .195% 13.28 cM
child 50% 3,400.00 cM	niece/nephew 25% 1,700.00 cM	first cousin once removed 6.25% 425.00 cM	second cousin once removed 1.563% 106.25 cM	third cousin once removed .391% 26.56 cM	fourth cousin once removed .0977% 6.64 cM
grandchild 25% 1,700.00 cM	great-niece/nephew 12.5% 850.00 cM	first cousin twice removed 3.125% 212.50 cM	second cousin twice removed .781% 53.13 cM	third cousin twice removed .195% 13.28 cM	fourth cousin twice removed .0488% 3.32 cM

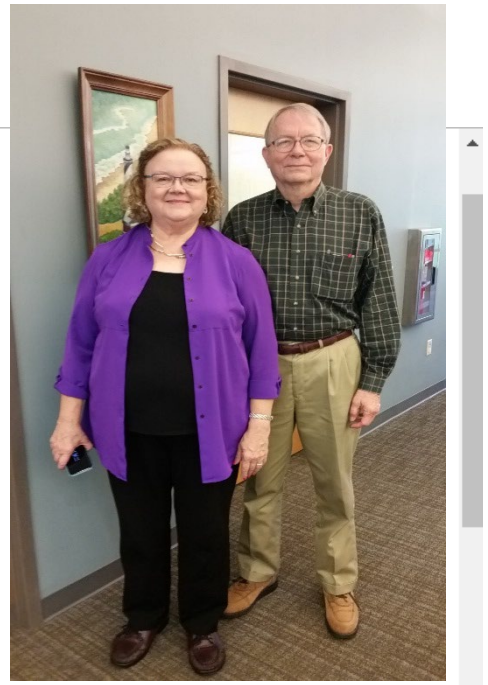
FTDNA-Chromosome Browser-Cathy C. same woman from Living DNA-on cM 18- matches



Cathy C. has roots in Stanly Co., NC and With matches kin to Huneycutt family of My great-grandmother. But she also matches Motley desc. From same County.

I know on paper where She fits into the Huneycutt Tree. Not sure of the others.

This Brick Wall tumbled when CB popped up as a high match (107 cM) in 2016. Produced clues toward Unknown Ancestor for my great Grandmother from Stanly Co NC.



This is what
You get when you
Click on your match.

You and cbinfo1929

2nd – 3rd Cousin

2% shared DNA: 107 cM across 7 segments

Add relationship | Message

Add/edit groups

Huneycutt from Stanly Co. NC, CM i...

Trees | Ethnicity | Shared Matches

How are you and cbinfo1929 related?

Common Ancestors

According to Ancestry member trees, these are the common ancestors that connect you and cbinfo1929. View a common ancestor to see the relationship path that connects you.

cbinfo1929 could be your 3rd cousin 1x removed through:

William Riley Huneycutt

3rd great-grandfather

1829–1857

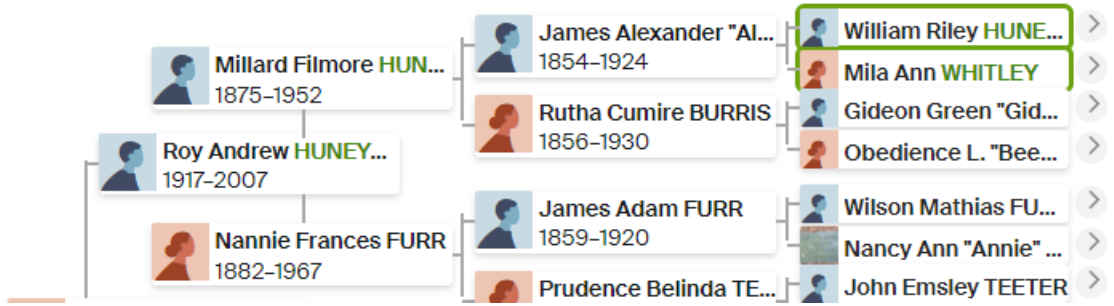
View Relationship

Huneycutt-Hathcock

Expand tree

cbinfo1929's Linked Tree 2,372 People

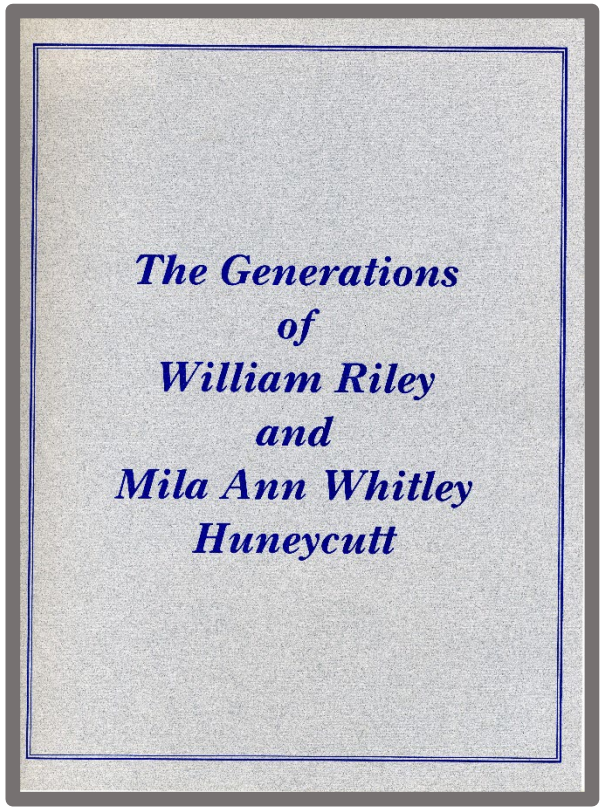
This is a preview of the public tree linked to cbinfo1929's DNA results. Surnames that appear in both your tree and cbinfo1929's tree are marked in green.



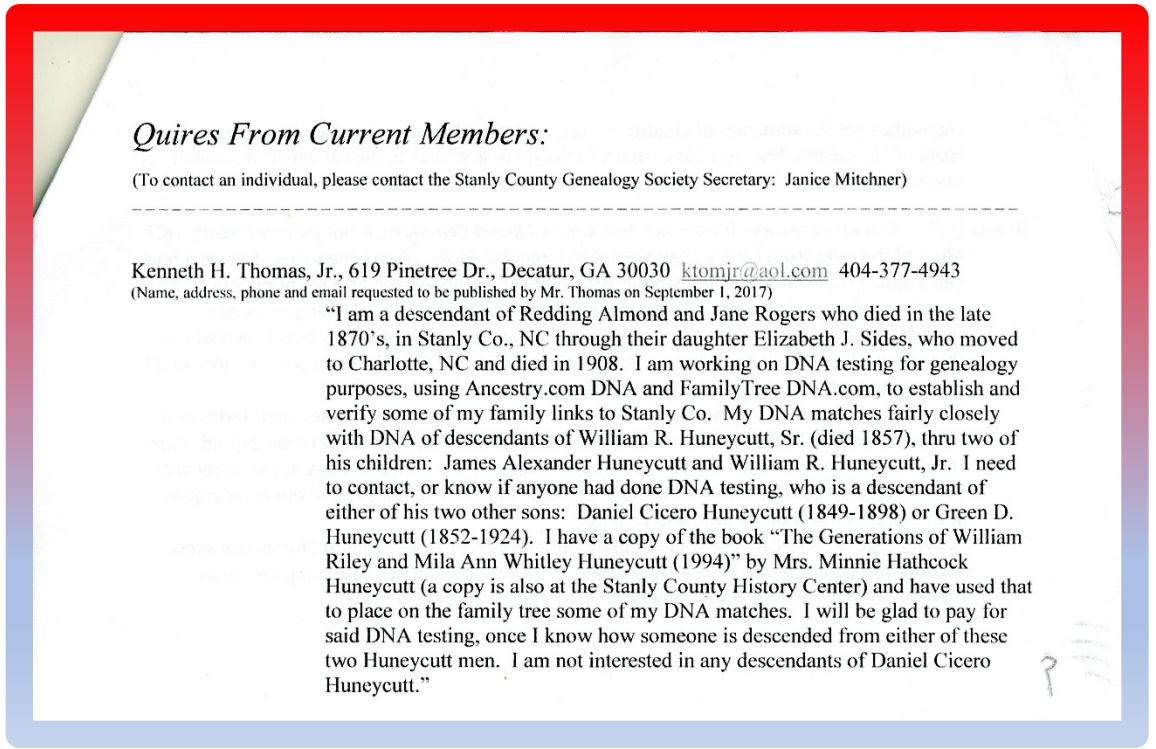
This tree showed up because I put the Huneycutt clue on my tree, to force a ThruLines match.

HUNEYCUTT BOOK HELPED SORT OUT DNA MATCHES/PLACED QUERY.

FAMILY BOOK OBTAINED SEPT 2016



QUERY IN *THE STANLY COUNTY GENEALOGICAL SOCIETY JOURNAL*, NOV. 2017



Quires From Current Members:

(To contact an individual, please contact the Stanly County Genealogy Society Secretary: Janice Mitchner)

Kenneth H. Thomas, Jr., 619 Pinetree Dr., Decatur, GA 30030 ktomjr@aol.com 404-377-4943
(Name, address, phone and email requested to be published by Mr. Thomas on September 1, 2017)

"I am a descendant of Redding Almond and Jane Rogers who died in the late 1870's, in Stanly Co., NC through their daughter Elizabeth J. Sides, who moved to Charlotte, NC and died in 1908. I am working on DNA testing for genealogy purposes, using Ancestry.com DNA and FamilyTree DNA.com, to establish and verify some of my family links to Stanly Co. My DNA matches fairly closely with DNA of descendants of William R. Huneycutt, Sr. (died 1857), thru two of his children: James Alexander Huneycutt and William R. Huneycutt, Jr. I need to contact, or know if anyone had done DNA testing, who is a descendant of either of his two other sons: Daniel Cicero Huneycutt (1849-1898) or Green D. Huneycutt (1852-1924). I have a copy of the book "The Generations of William Riley and Mila Ann Whitley Huneycutt (1994)" by Mrs. Minnie Hathcock Huneycutt (a copy is also at the Stanly County History Center) and have used that to place on the family tree some of my DNA matches. I will be glad to pay for said DNA testing, once I know how someone is descended from either of these two Huneycutt men. I am not interested in any descendants of Daniel Cicero Huneycutt."

Got no response in six years to this query.

DNA TESTING COMPANIES
where autosomal testing is done-all of them

- ANCESTRY.COM
- FAMILYTREEDNA.COM
- LIVING DNA
- MY HERITAGE
- 23andMe

Family-tree.co.uk

Feature	Ancestry	23andMe	MyHeritage	FTDNA	LivingDNA
Database Size	<15 million	<10 million	<3 million	<1 million (estimated as no data released)	Unknown but substantially smaller than the others
DNA Collection Method	Saliva Sample	Saliva Sample	Cheek Swab	Cheek Swab	Cheek Swab
Ethnicity Estimates	Yes – includes Genetic Communities	Yes – includes ancestry composition chromosome painting	Yes	Yes	Yes – includes UK regional breakdown
Health Insights	New health test announced Oct 2019	Combined health + ancestry test available	Combined health + ancestry test available (new)	No health test currently available	Separate wellbeing test now available (new)
Shared Matches	Yes – cut off at 20cM and cannot see how shared matches match each other	Yes – can also see how shared matches match each other	Yes – can also see how shared matches match each other	Yes - cannot see how shared matches match each other but also has a *not in common with* list	Yes – cannot see how shared matches match each other
Family Trees	Yes – can build trees on-site or upload a gedcom	Yes – new automated trees feature plus can link FamilySearch trees	Yes – can build trees on-site or upload a gedcom	Yes - can build a tree on-site or upload a gedcom	No current facility
Contacting Matches	Via site's own messaging system	Via site's own messaging system	Via site's own messaging system	Email addresses provided	Via site's own messaging system
Chromosome Browser	No – no segment data available	Yes – compare up to 5 matches at a time	Yes – compare up to 7 matches at a time plus triangulated segments	Yes – compare up to 7 matches at a time	
Subscription-only Features	Yes	No	Yes	No	No
Raw Data Transfers	No	No	Yes - £29 fee for additional features or inc with sub	Yes - $19 fee for additional features	Yes - £29 to add regional ethnicity estimate
Additional DNA Tools	Thrulines Common Ancestor Hints 24 Colour-Coded Groups		Theory of Family Relativity Smart Matches Autoclusters	Maternal/Paternal Buckets Advanced Matches Tool Matrix Tool	Not yet

Note Changes in Red

Not easy to contact.

Just added a Chromosome Browser, up to 7 to match.

DNA TEST COMPARISON CHART WWW.WHOAREYOUMADEOF.COM	Cost	Find Family Matches	Find Ethnicity for the past 300-500 years	Genetic Communities – including DNA matches who also belong	Learn Health Information More Added	Deep Ancestry (more than 500 years)	y-DNA	mt-DNA
Family Tree DNA	**$89** Family Finder (often goes on sale from $59-69)	✓	✓	–	–	–	✓* **$169**	✓* **$199**
Ancestry DNA	**$99** (often goes on sale to $79)	✓	✓	✓	–	–	–	–
My Heritage DNA	**$99** (sometimes on sale for $69)	✓	✓	–	–	–	–	–
[redacted]								
23 and ME	**$99** Ancestry Test (Rarely sells for less)	✓	✓	–	✓* **$199**	✓* **$199**	✓ **$199**	✓* **199**

Prices Have Changed. Check Websites.

Ancestry.com DNA

- DNA Story
- DNA Matches
- ThruLines
- Traits
- DNA Surveys: Life Story, Physical Traits, Behavior, Diet and Fitness, Health and Wellness.

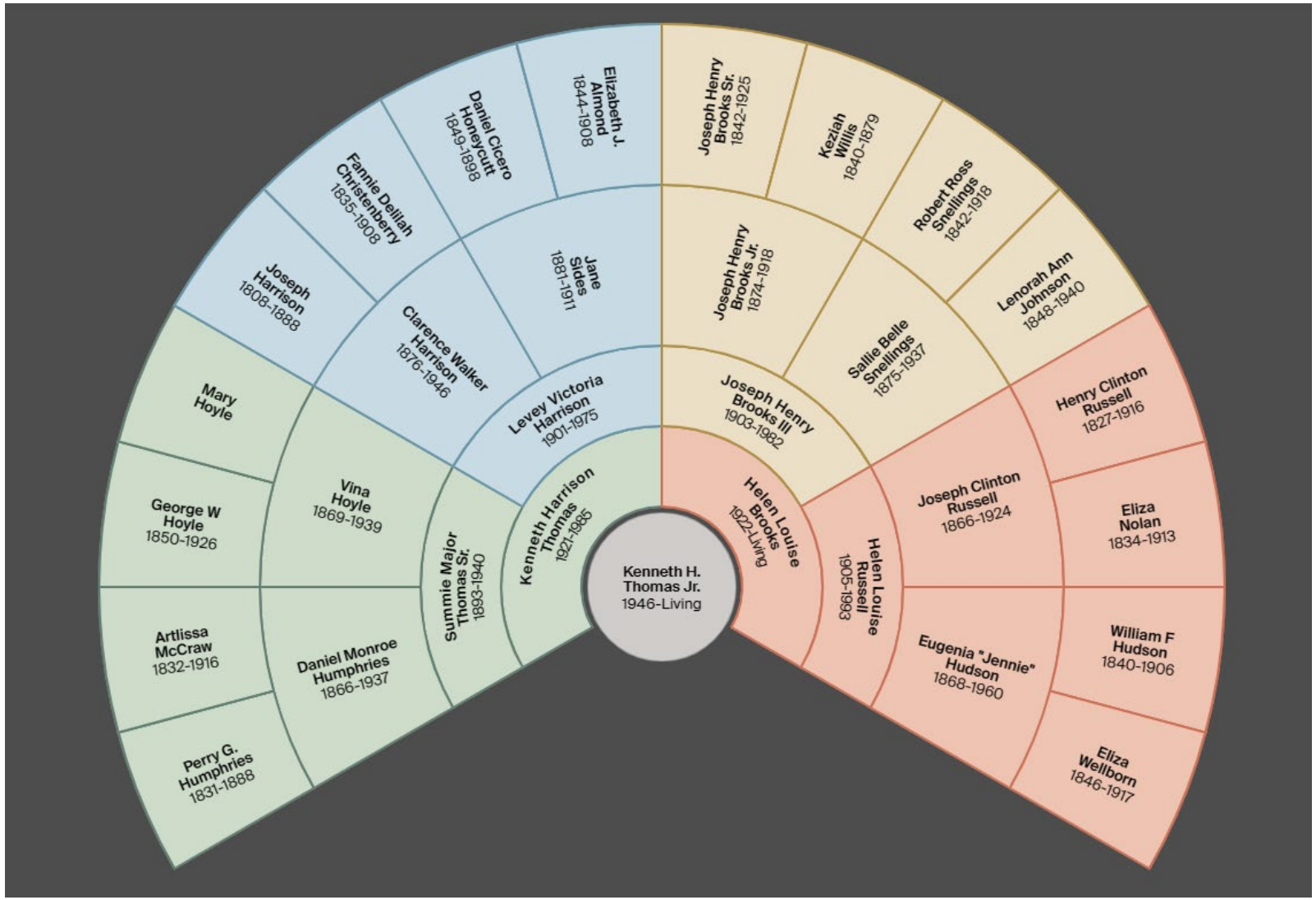
DNA Matches-in my case they are divided between:

Maternal	34, 143	
Paternal	32, 065	
Both sides	142	(Who?)
Unassigned	3, 008	
TOTAL:	69, 358	9/28/23

Vs. other sites with a whole lot less matches. Hence need to use this site.

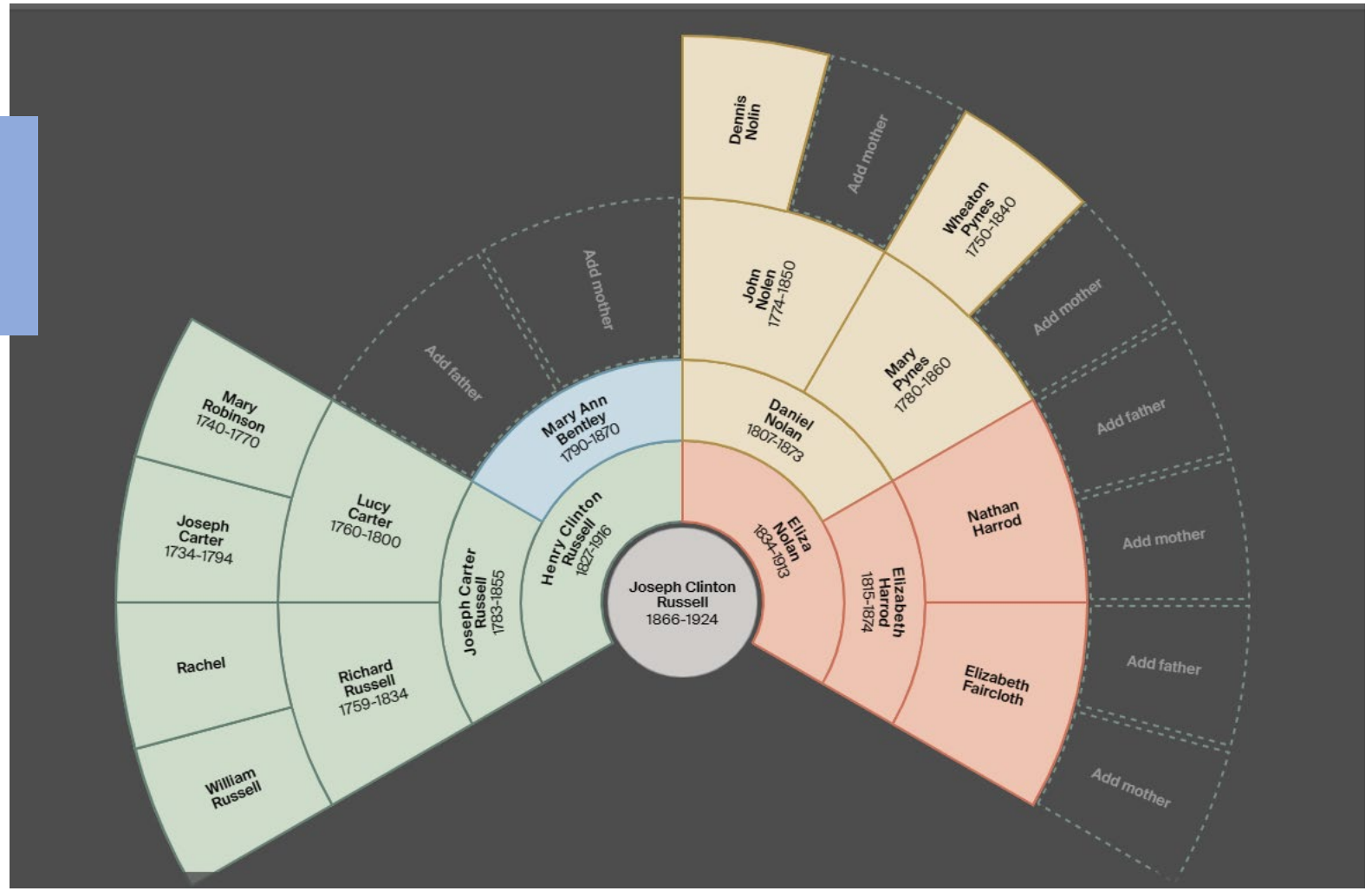
Search by: matches, by ancestors on tree, by birth location.
Sort by: Relationship, or by group.

Ancestry.com new-Fan style tree



Take the Fan tree and expand one portion

Fan tree only allows
So many generations.
I have others not
Shown.

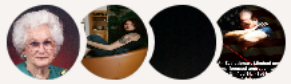


Helps you see
Your gaps,
and any
suggestions.
Beware of
hints.

Ancestry.com DNA now divides by parent, but only for paying members only.

SIDE VIEW

Maternal



34,115 matches

View matches Edit parent

Last names in trees

Brooks
Bowman
Boyd
Deering

These are the most common last names which can be found in the trees of your closest maternal matches.

View more

Common communities

Georgia & Florida Settlers

View more

Ethnicity inheritance

Maternal

View more

Paternal

32,032 matches

View matches Edit parent

Last names in trees

Costner
Day
Hoyle
Addis

These are the most common last names which can be found in the trees of your closest paternal matches.

View more

Common communities

North Carolina Settlers

View more

Ethnicity inheritance

Paternal

View more

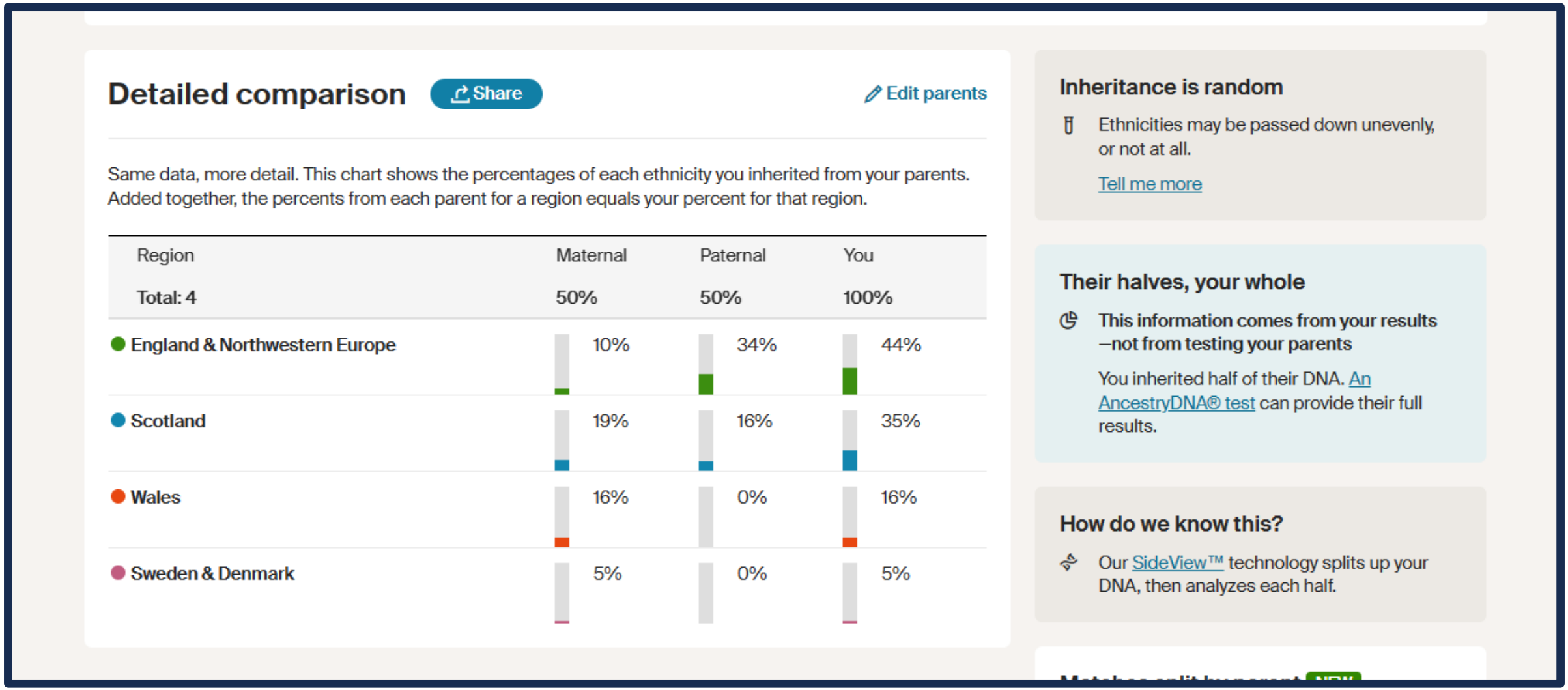
Mine is Clearer due to My having my Mother's DNA.

Ancestry.com DNA

- Note when they divide matches between Maternal and Paternal, they also have ***Unassigned Matches***. You can divide these by hand, by reviewing them. Check this out.
- Use the ***Groups feature*** in DNA Matches. Total option of 21 groups. I set up 16 groups representing my 16 great-great-grandparental couples. And then added each match into the appropriate groups, some going into several groups. Then when a new match appeared, you had a structure within which to put them, if you chose.
- Family Trees/public are needed for ***ThruLines*** to link. But consider spelling names slightly different in your tree to force a match with kin who might spell a name slightly different.

ANCESTRY.COM

Colors in parental divisions relate to Ethnic origins, outlined below:



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: 4	50%	50%	100%
England & Northwestern Europe	10%	34%	44%
Scotland	19%	16%	35%
Wales	16%	0%	16%
Sweden & Denmark	5%	0%	5%

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.

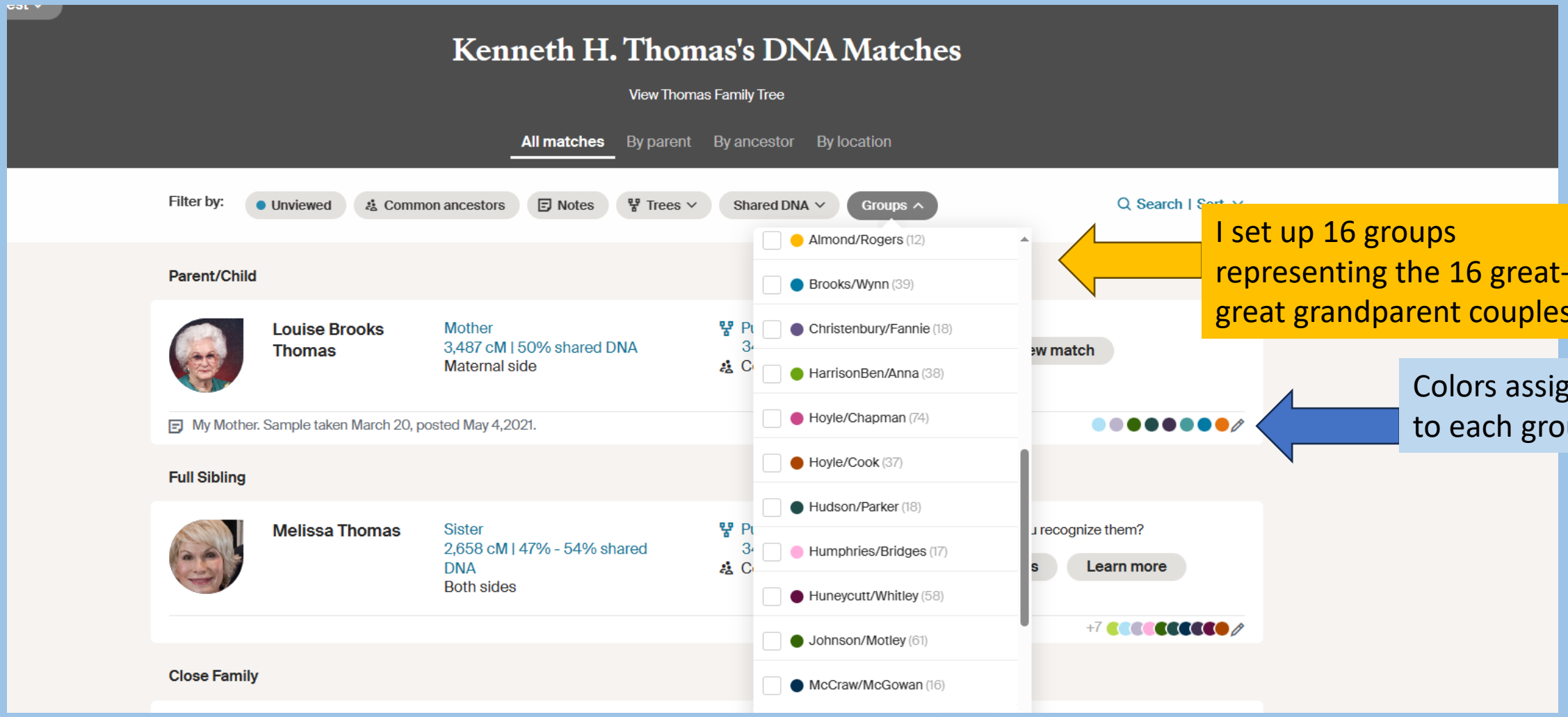
How do we know this?

Our SideView™ technology splits up your DNA, then analyzes each half.

But how does this square with your research? I have lots of German ancestry on my father's side, not shown here at all.

Ken’s Ethnicity Updates October 5, 2023

Groups in Ancestry.com DNA Matches

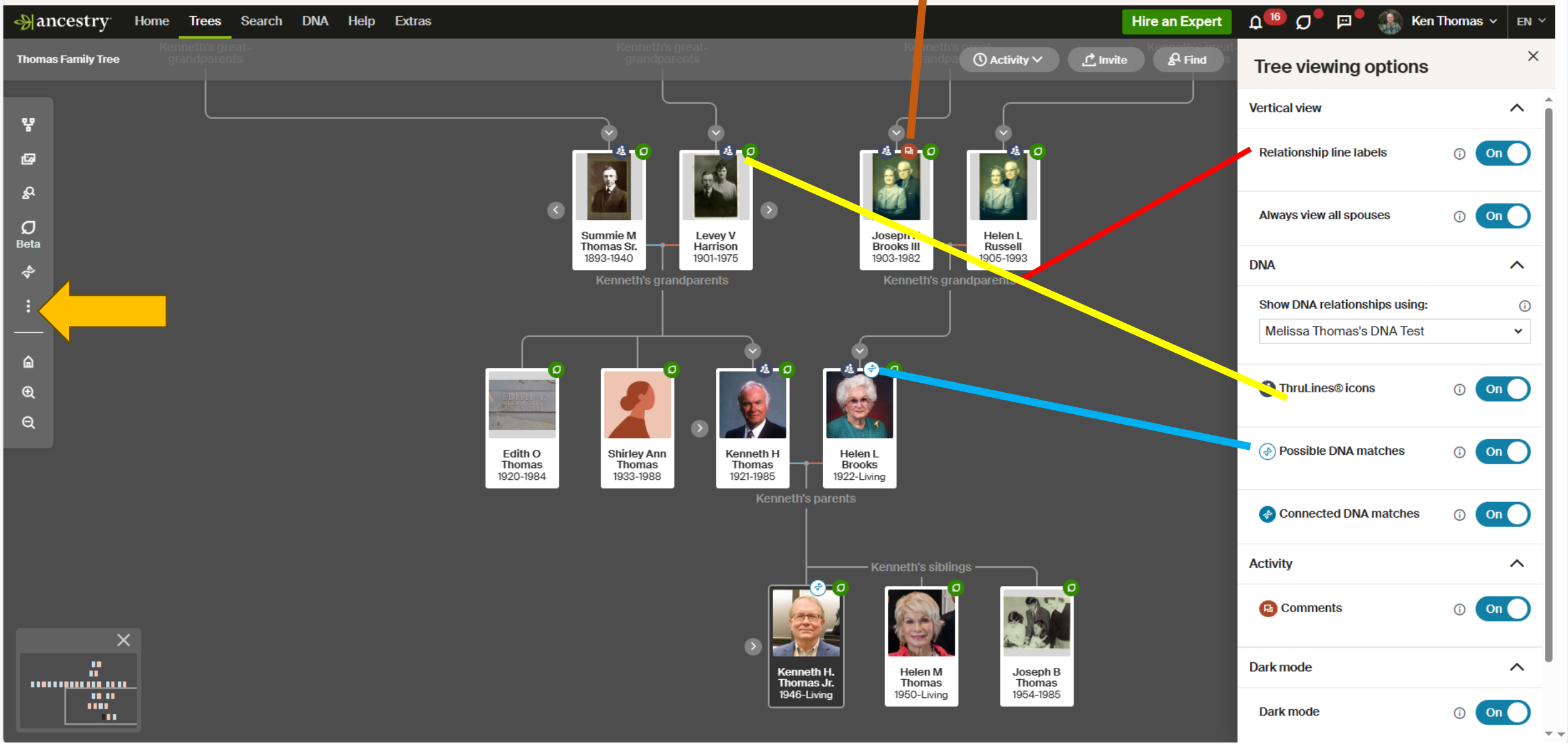


I set up 16 groups representing the 16 great-great grandparent couples.

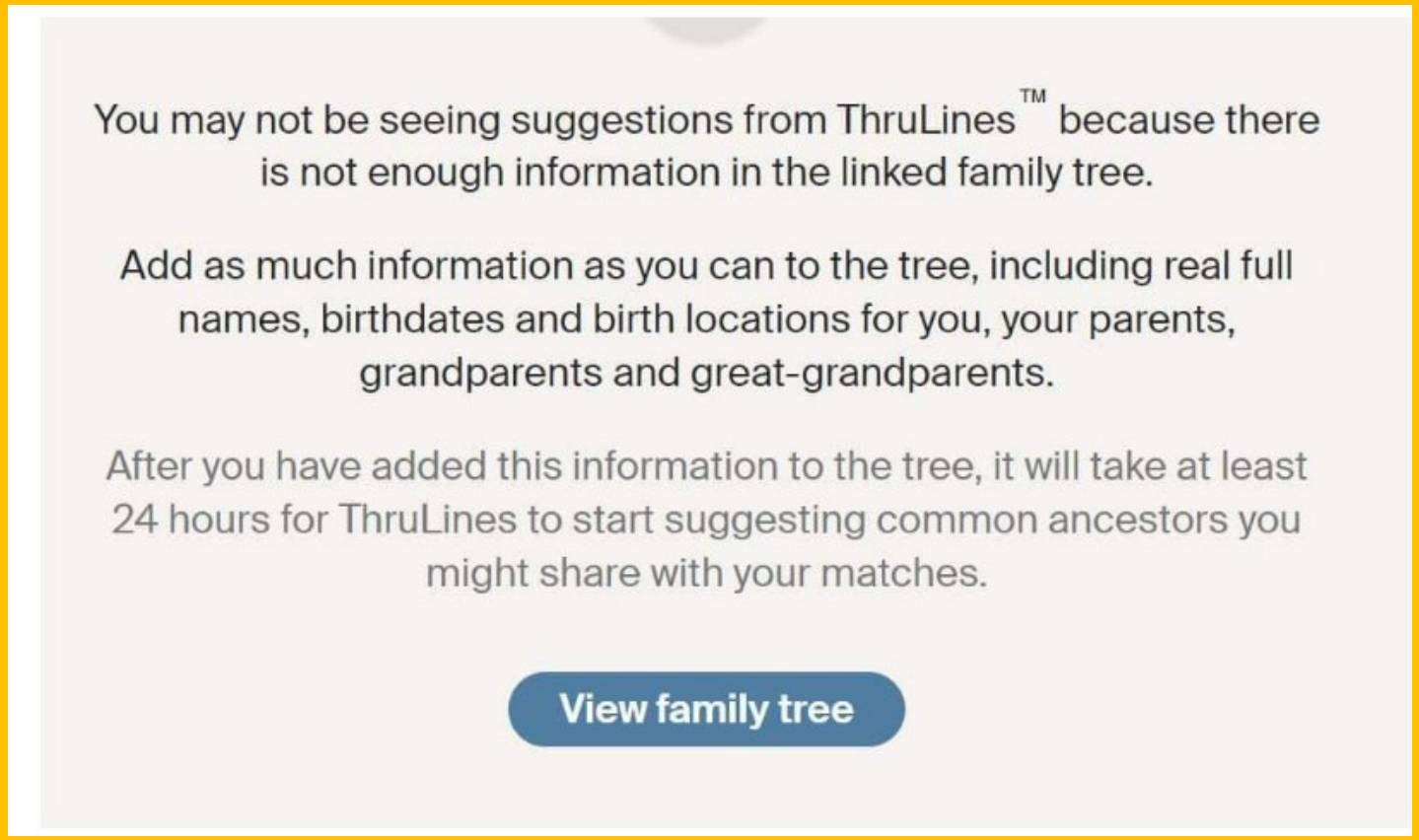
Colors assigned to each group.

Ancestry.com Tree Viewing Options

Comment



Ancestry.com **ThruLines** suggestion of how to enhance the links:



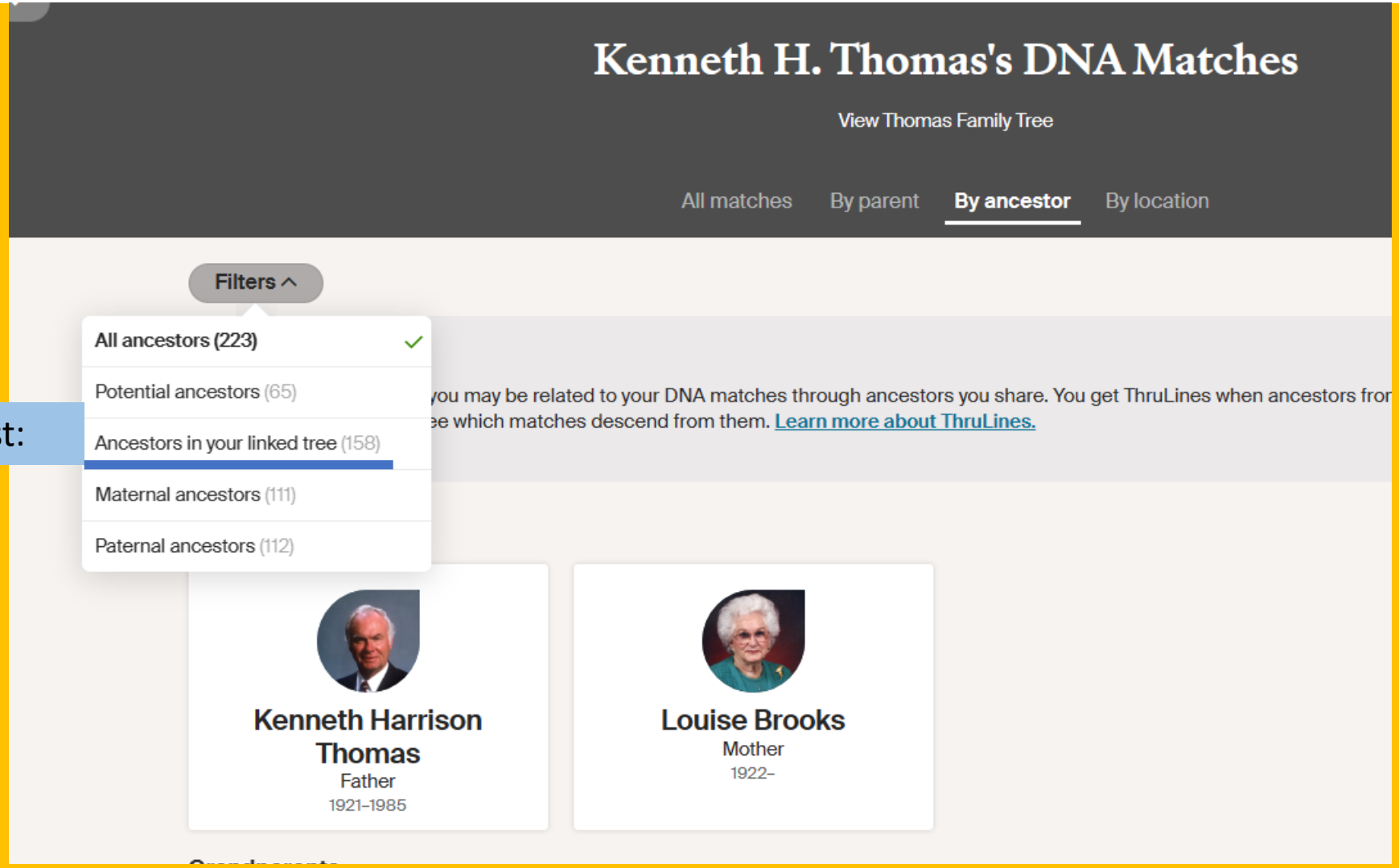
Note emphasis on enhancing your family tree for better matches.

ThruLines-important measure of matches

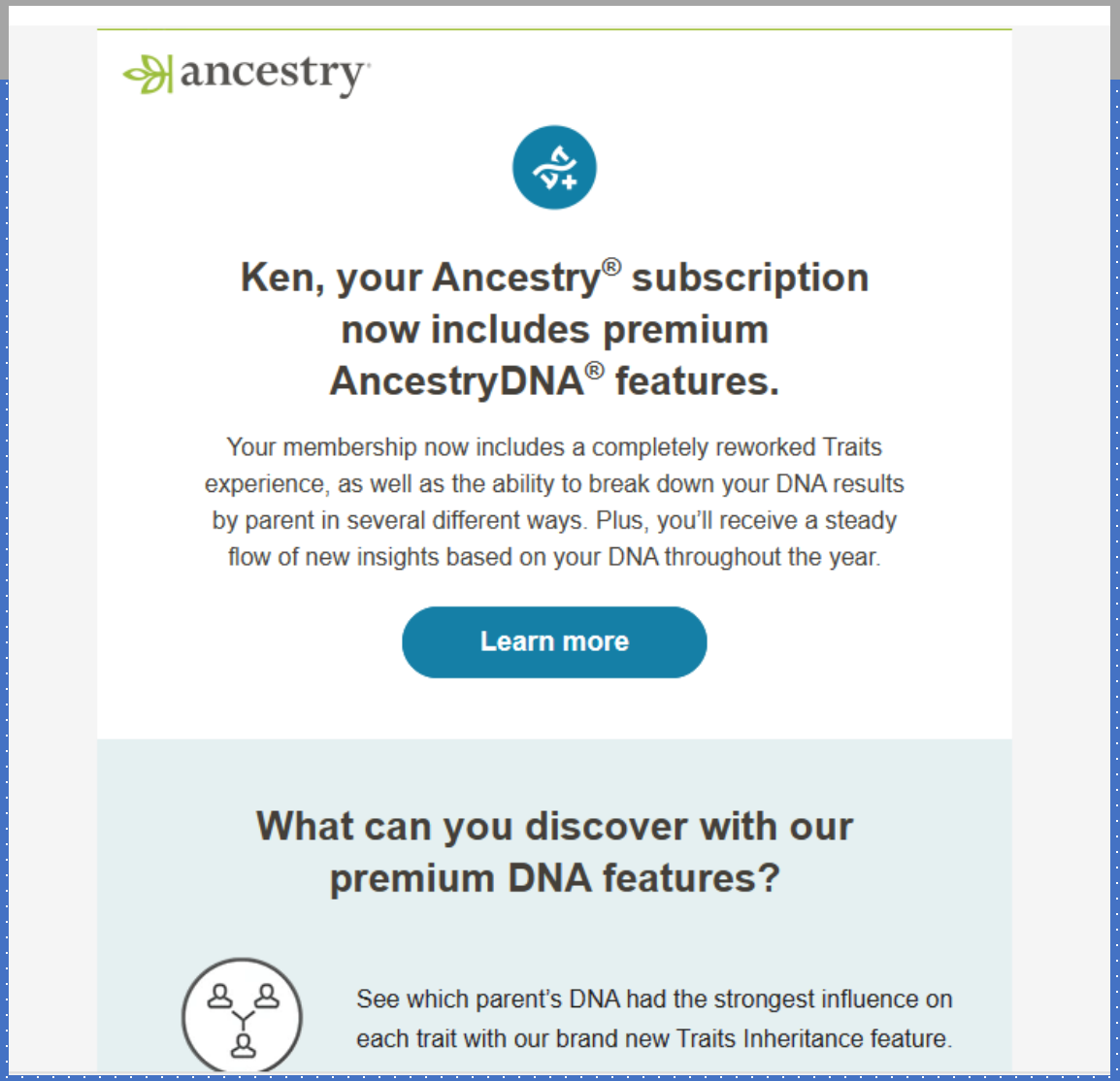
- ***ThruLines*** are a great feature.
- But if your tree has **bad data**, and their tree has bad data, but you are DNA matches, then bad data is perpetuated.
- Be careful about **hints** of ancestors on your tree or in ThruLines. Don't add until you have proven on paper. Choose ThruLines view **Ancestors in Your Linked Tree**.
- ***Autosomal DNA*** is only good back 6 generations. DNA is halved each generation.
- ***Dotted lines*** mean their descendants match you, but you have not put that relative on your tree. The name is from the match's tree.
- Can help you determine if you have ***identifiable DNA matches*** on each of your lines. Where are your gaps? Potential errors?
- You may not have located any matches in real life, but via ThruLines, they have found them for you and you can then communicate with them and hope you can share information.

ThruLines Filters area- to see just what you consider valid on your tree.

This one is best:



Ancestry added *TRAITS* to my account 2023



ancestry

Ken, your Ancestry® subscription now includes premium AncestryDNA® features.

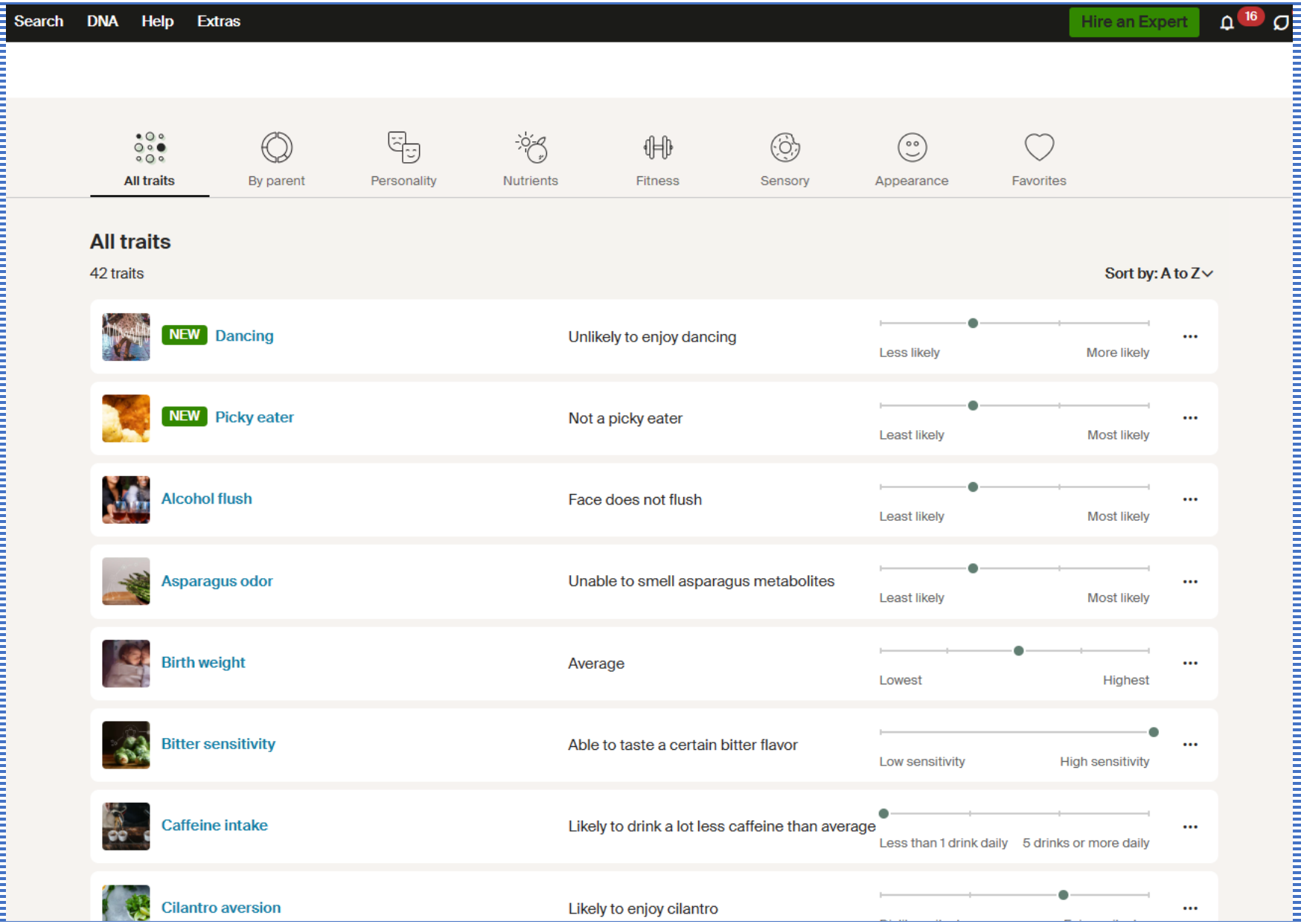
Your membership now includes a completely reworked Traits experience, as well as the ability to break down your DNA results by parent in several different ways. Plus, you'll receive a steady flow of new insights based on your DNA throughout the year.

Learn more

What can you discover with our premium DNA features?

See which parent's DNA had the strongest influence on each trait with our brand new Traits Inheritance feature.

My Traits- all quite useless in my view, and inaccurate.



FTDNA Reports offered, check out-

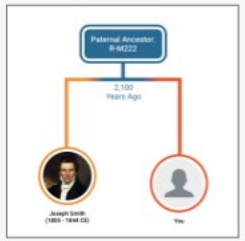
paternal ancestry.

Reports include:

Time Tree

Haplogroup Story

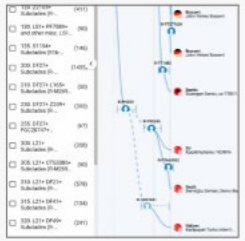
Country Frequency



Notable Connections

Migration Map

Ancient Connections



Group Time Tree

Ancestral Path

NEW Globtrekker

FTDNA BLOG-TOPICS-A HUGE INVENTORY WELL WORTH CHECKING OUT

ps://blog.familytreedna.com/#

English

WHAT'S IN A NAME? SIX TYPES OF SURNAMES YOU MIGHT FIND IN YOUR FAMILY TREE

What do you know about where your surname comes from? Understanding surname origins can help you research the origins of your family line.

August 24, 2023

DISCOVERING IRISH ROOTS: PAUL'S JOURNEY WITH FAMILYTREEDNA

Paul McMonagle made a surprising discovery about his father's lineage when he took a Y-37 test. He discovered his Irish roots, connected with Y-DNA matches, and found his place on the Tree of Mankind.

August 16, 2023

GLOBETREKKER, PART 2: ADVANCING THE SCIENCE OF PHYLOGEOGRAPHY

The second part of the Globetrekker series, focuses on how phylogeography was incorporated into the new Discover tool.

August 15, 2023

THE ORIGINS OF ACADIANS AND A JOURNEY THROUGH FRENCH HISTORY

Roberta Estes provides a historical overview of the birth of France, the French diaspora, and the settlement and exodus of the Acadian population in Eastern Canada.

August 13, 2023

PIONEERING GENETIC GENEALOGY IN SOUTH-ASIAN FAMILY HISTORY

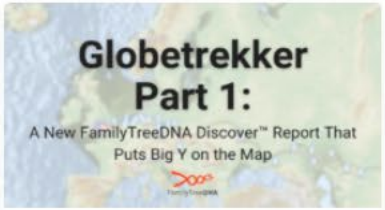
We take a dive into South-Asian genealogy with Awais Hussain, and how he has used traditional and genetic research methods to connect families and trace roots from the northern Punjab and Jammu-Kashmir region.

August 7, 2023

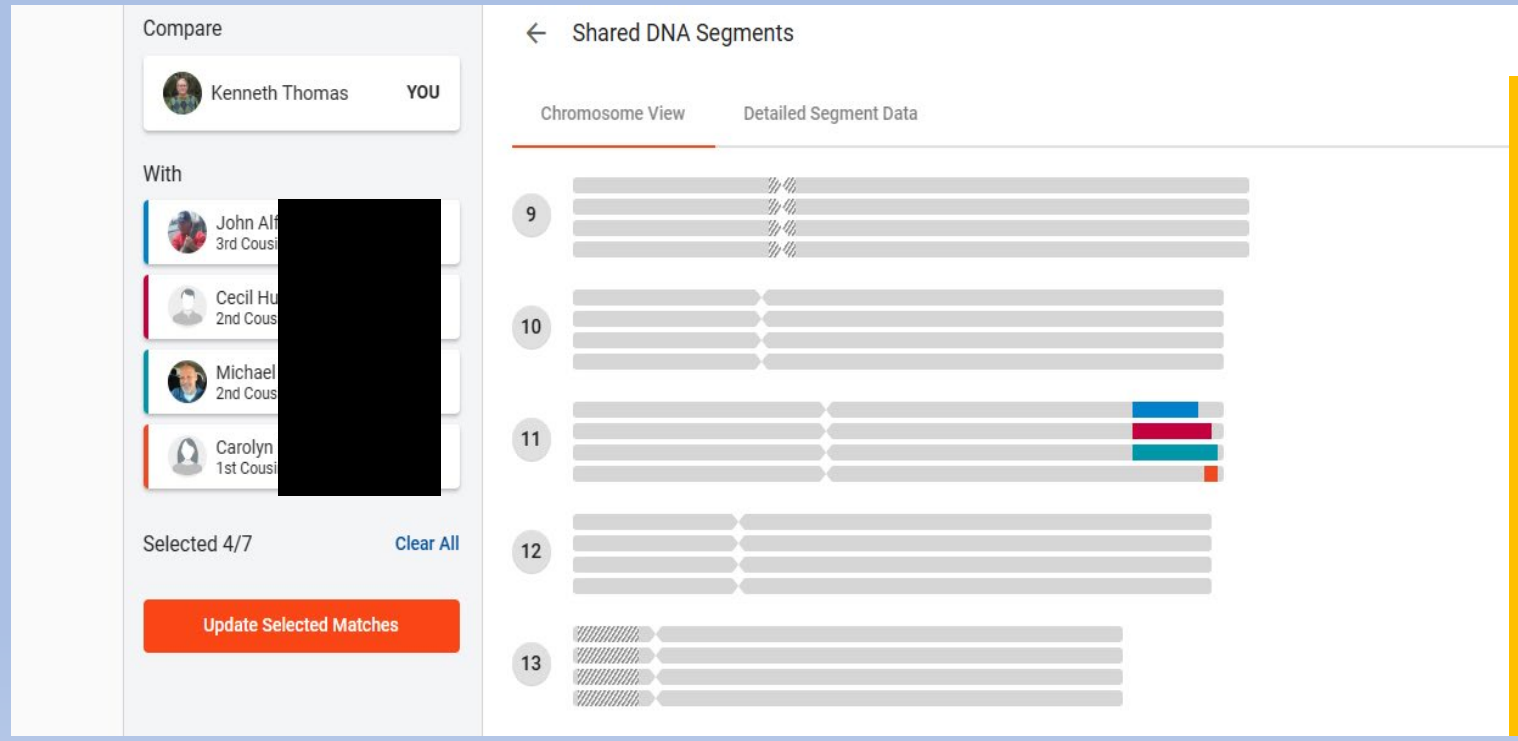
INTRODUCING Y-DNA HAPLOGROUPS FOR FAMILY FINDER CUSTOMERS

This blog is about a new feature that will be added to Family Finder in the coming weeks. Customers with existing Family Finder results will receive an email announcement when the feature is released, as well as an email notification once their haplogroup has been added to their results.

July 31, 2023



FTDNA-Chromosome Browser: Hudson links Selected cousins who match on cM 11

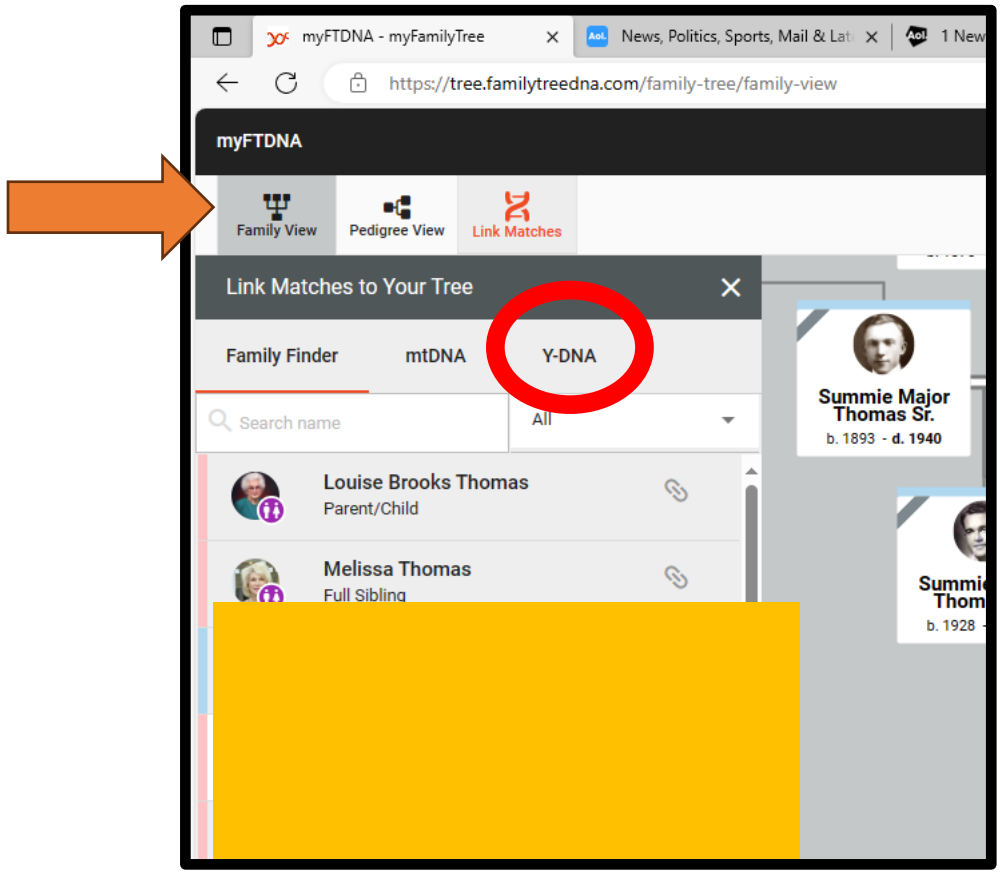


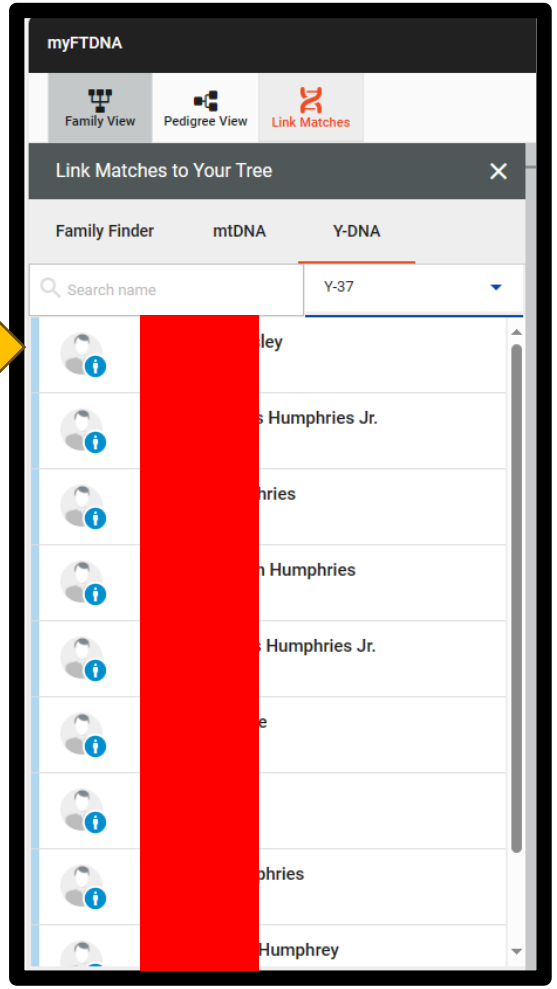
From my Russell-Hudson Kin, the top two matches Are only kin via Hudson line.

The two lower matches are Russell-Hudson descendants.

The other Russell-Hudson Test takers- 8 of 10 did not Match at cM 11.
Why?

FTNDA-Family Tree area, link your matches: autosomal, mtDNA, and Y-DNA.





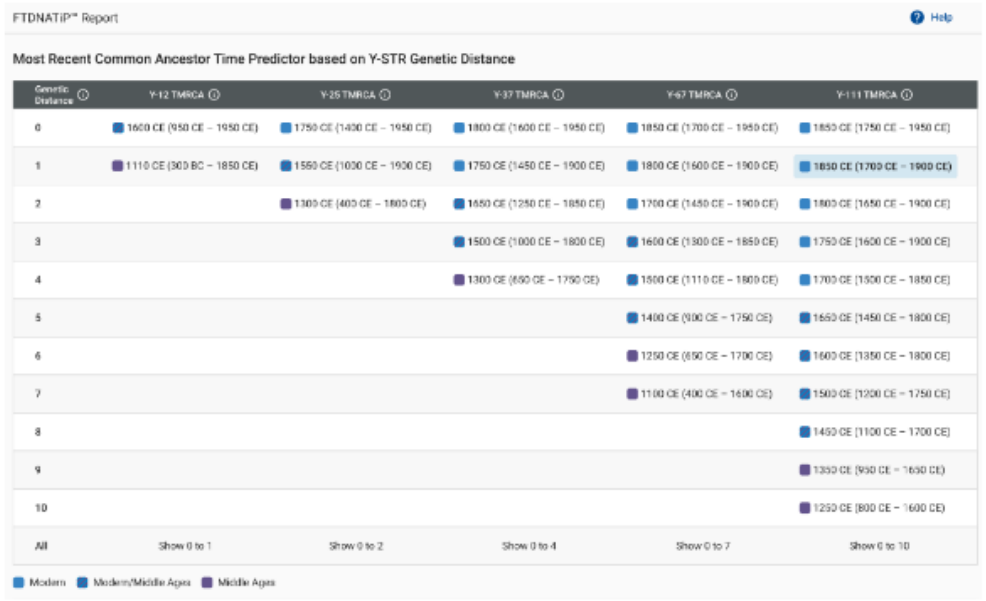
Y-DNA
My Humphries Matches.
When time permits
Could add them to My tree.

FTDNA updates-2023

- ***Multi Kit Management Agreements***/Access-fix the account settings if you are managing DNA for someone other than yourself. Very Important. (2023)
- Y-DNA Test area: ***Group Time Tree-check*** details online. (2023)
- Y-DNA ***FTDNA Tip Report-new*** format, update. (2023) – See below.
- **Chromosome Painter** for ethnicity results. See below.
- ***HELP*** tab on any of the matches sites is well-worth checking out. Lots of good position statements, essays, on there.

FTDNATIP REPORT-new-predictions

The FTDNATiP™ Report predicts the time to the most recent common ancestor (MRCA) of your Y-STR matches. The original report has been around as long as FamilyTreeDNA and our Y-STR tests. Over the years, we have received feedback that it needed an update. We are excited to present the new FTDNATiP™ Report with updates to our age estimation algorithms!



FTDNATiP™ Report

Help

Most Recent Common Ancestor Time Predictor based on Y-STR Genetic Distance

Genetic Distance	Y-12 TMRCA	Y-25 TMRCA	Y-37 TMRCA	Y-67 TMRCA	Y-111 TMRCA
0	1600 CE (950 CE – 1950 CE)	1750 CE (1400 CE – 1950 CE)	1800 CE (1600 CE – 1950 CE)	1850 CE (1700 CE – 1950 CE)	1850 CE (1750 CE – 1950 CE)
1	1110 CE (300 BC – 1850 CE)	1550 CE (1000 CE – 1900 CE)	1750 CE (1450 CE – 1900 CE)	1800 CE (1600 CE – 1900 CE)	1850 CE (1700 CE – 1900 CE)
2		1300 CE (400 CE – 1800 CE)	1650 CE (1250 CE – 1850 CE)	1700 CE (1450 CE – 1900 CE)	1800 CE (1650 CE – 1900 CE)
3			1500 CE (1000 CE – 1800 CE)	1600 CE (1300 CE – 1850 CE)	1750 CE (1600 CE – 1900 CE)
4			1300 CE (650 CE – 1750 CE)	1500 CE (1110 CE – 1800 CE)	1700 CE (1500 CE – 1850 CE)
5				1400 CE (900 CE – 1750 CE)	1650 CE (1450 CE – 1800 CE)
6				1250 CE (650 CE – 1700 CE)	1600 CE (1350 CE – 1800 CE)
7				1100 CE (400 CE – 1600 CE)	1500 CE (1200 CE – 1750 CE)
8					1450 CE (1100 CE – 1700 CE)
9					1350 CE (950 CE – 1650 CE)
10					1250 CE (800 CE – 1600 CE)
All	Show 0 to 1	Show 0 to 2	Show 0 to 4	Show 0 to 7	Show 0 to 10

Modern Modern/Middle Ages Middle Ages

Ken's report at Y-111 markers with his closest match. Estimated time of our Common Ancestor. Very accurate as our common ancestor lived 1750s-1825, 8 generations ago.

FamilyTreeDNA

Kenneth Thomas
Kit No. 33717

FTDNATiP™ Report

FTDNA TIP REPORT

Help

Most Recent Common Ancestor Time Predictor based on Y-STR Genetic Distance

Genetic Distance	Y-12 TMRCA	Y-25 TMRCA	Y-37 TMRCA	Y-67 TMRCA	Y-111 TMRCA
0	1600 CE (950 - 1950 CE)	1750 CE (1400 - 1950 CE)	1800 CE (1600 - 1950 CE)	1850 CE (1700 - 1950 CE)	1850 CE (1750 - 1950 CE)
1	1100 CE (300 BCE - 1850 CE)	1550 CE (1000 - 1900 CE)	1750 CE (1450 - 1900 CE)	1800 CE (1600 - 1900 CE)	1850 CE (1700 - 1900 CE)
2		1300 CE (400 - 1800 CE)	1650 CE (1250 - 1850 CE)	1700 CE (1450 - 1900 CE)	**1800 CE (1650 - 1900 CE)**
3			1500 CE (1000 - 1800 CE)	1600 CE (1300 - 1850 CE)	1750 CE (1600 - 1900 CE)
4			1300 CE (650 - 1750 CE)	1500 CE (1100 - 1800 CE)	1700 CE (1500 - 1850 CE)
5				1400 CE (900 - 1750 CE)	1650 CE (1450 - 1800 CE)
6				1250 CE (650 - 1700 CE)	1600 CE (1350 - 1800 CE)
7				1100 CE (400 - 1600 CE)	1500 CE (1200 - 1750 CE)
8					1450 CE (1100 - 1700 CE)
9					1350 CE (950 - 1650 CE)
10					1250 CE (800 - 1600 CE)
All	Show 0 to 1	Show 0 to 2	Show 0 to 4	Show 0 to 7	Show 0 to 10

Modern Modern/Middle Ages Middle Ages

Genetic Distance of **2** at the **Y-111** test level Kenneth Thomas | William E Humphries

Based on a Genetic Distance of **2** at the **Y-111** test level, **Kenneth Thomas** and **William E Humphries** are estimated to share a common paternal line ancestor who was, with a 95% probability, born between **1650** and **1900 CE**. The most likely year is rounded to **1800 CE**. This date is an estimate based on genetic information only.

English

FTDDNA RESULTS KHT

CHROMOSOME PAINTER-FOR ETHNIC ORIGINS

sults & Tools Family Tree Group Projects Add Ons & Upgrades 31

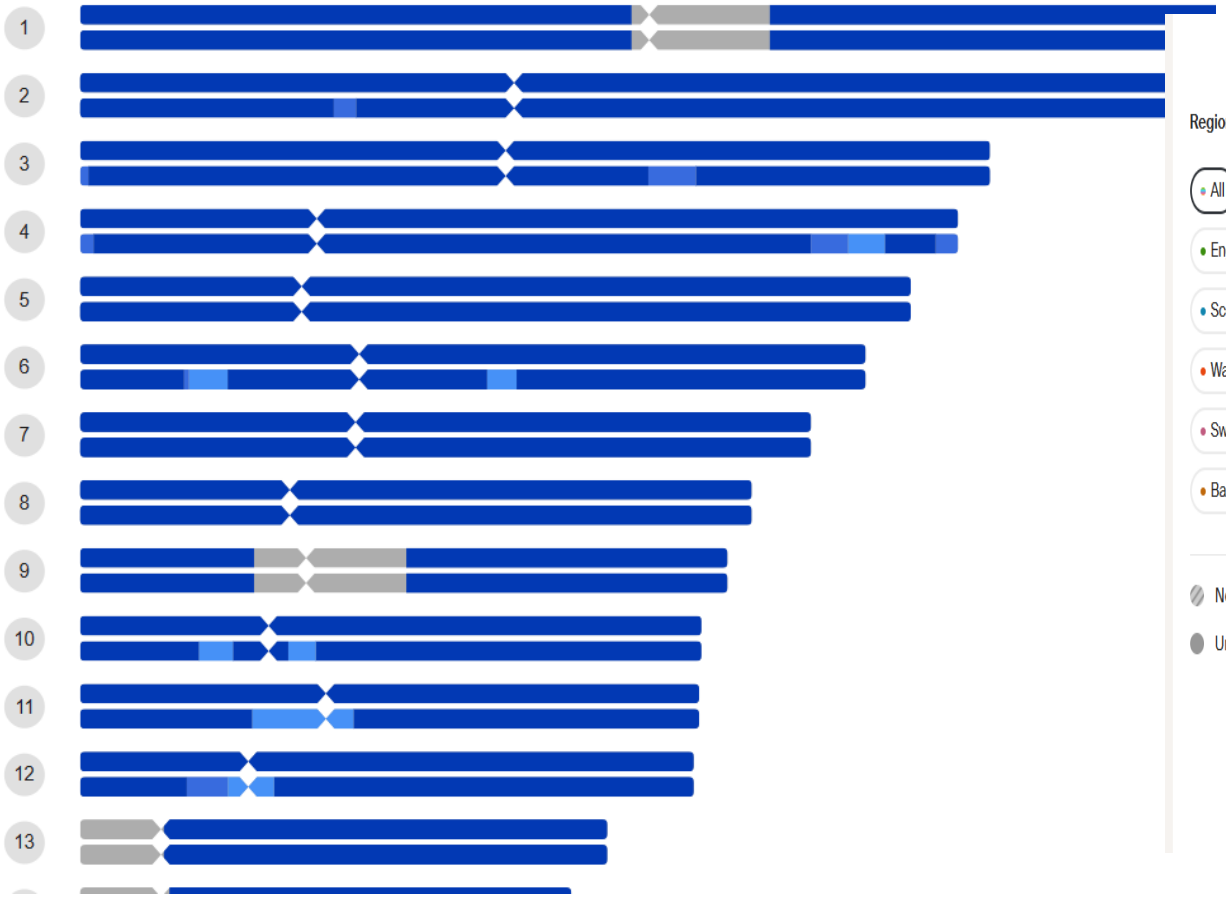
omosome Painter

mosome Painting Detailed Segments

Super Population Continent Filter Download Segments

Kenneth Thomas

Europe	100%
Western Europe	97.8%
England, Wales, and Scotland	
Central Europe	
Finnish	<2%
Finland	
Southern Europe	<1%
Basque	



ANCESTRY.COM CHROMOSOME PAINTER

which chromosomes were passed

LIVING DNA –TEST SITE

Living DNA Ancestry

Kenneth Thomas
Change Profile

- Dashboard
- Ancestry
- Family Matching — New feature
- Wellbeing
- Viking
- Neanderthal
- Store
- Profiles
- Account

Health — Explore
Help
Sign out

Currently selected
Kenneth Thomas
Ancestry kit - LD0295525A

+ Add another profile

Tests

Autosomal	Completed	MT DNA	Completed
Y DNA	Completed	Wellbeing Taster	Not added
Wellbeing	Not added	Neanderthal	Not added
Viking	Not added	Family matching	Completed
Vitamin subscription	Not added	Health profile	Not created

Click each test for more details

To learn more about profiles click here >

Ancestry

Region breakdown

- Great Britain and Ireland (94.9%)
  + 11 subregions
- Europe (North and West) (5.1%)
  + 1 subregion

View full breakdown

Your maternal haplogroup is K1a.
Your maternal DNA is most commonly found in Druze.

Maternal Ancestry

Your paternal haplogroup is R-L21.
Your paternal DNA is most commonly found in Ireland.

Paternal Ancestry

Note: another family just got their results-great uncle 719, nephew, niece 1018, 964, great-nephew 1256 (b.1960s). Clearly no one is having many matches.

Family Matching

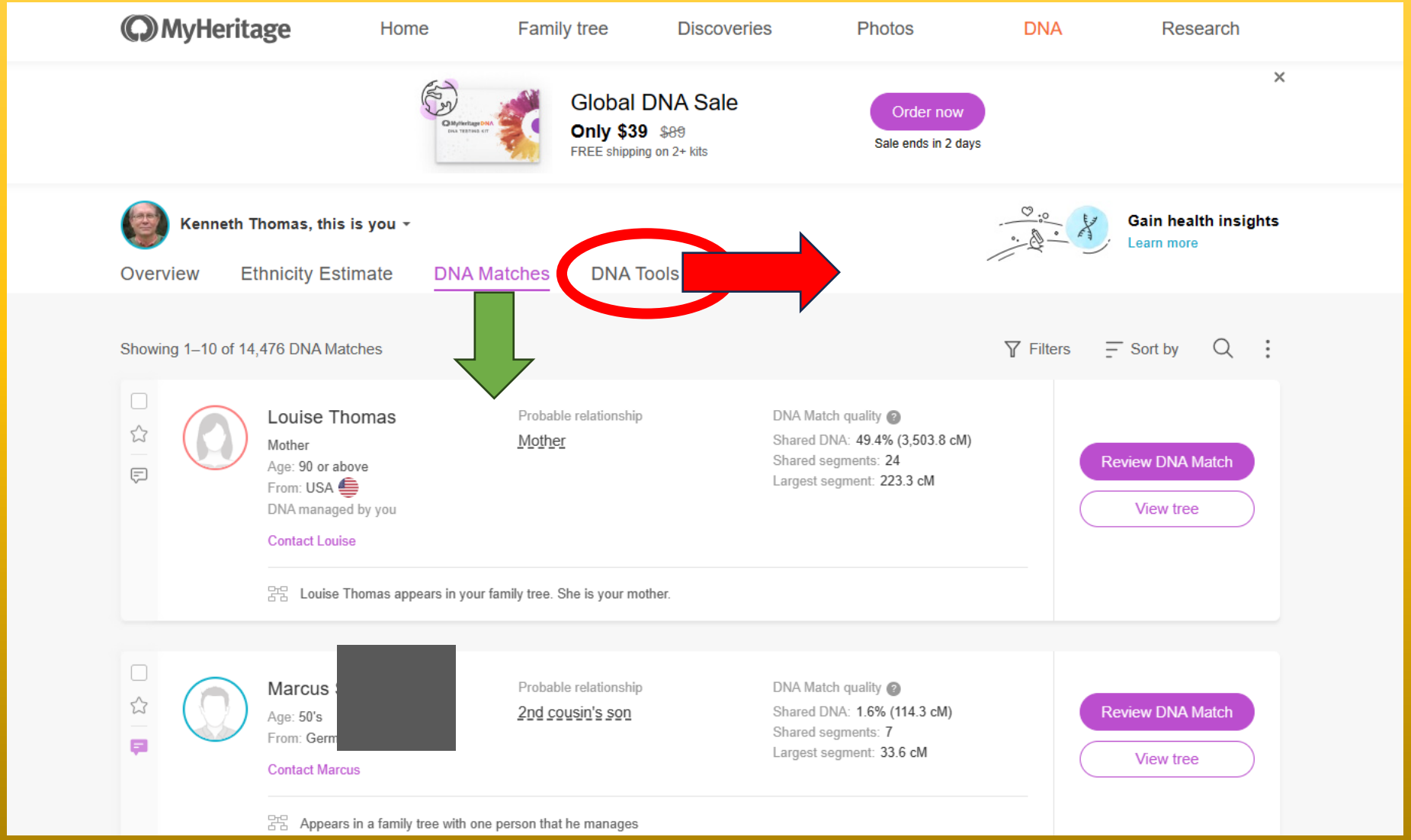
Total matches
892

Recent matches
2

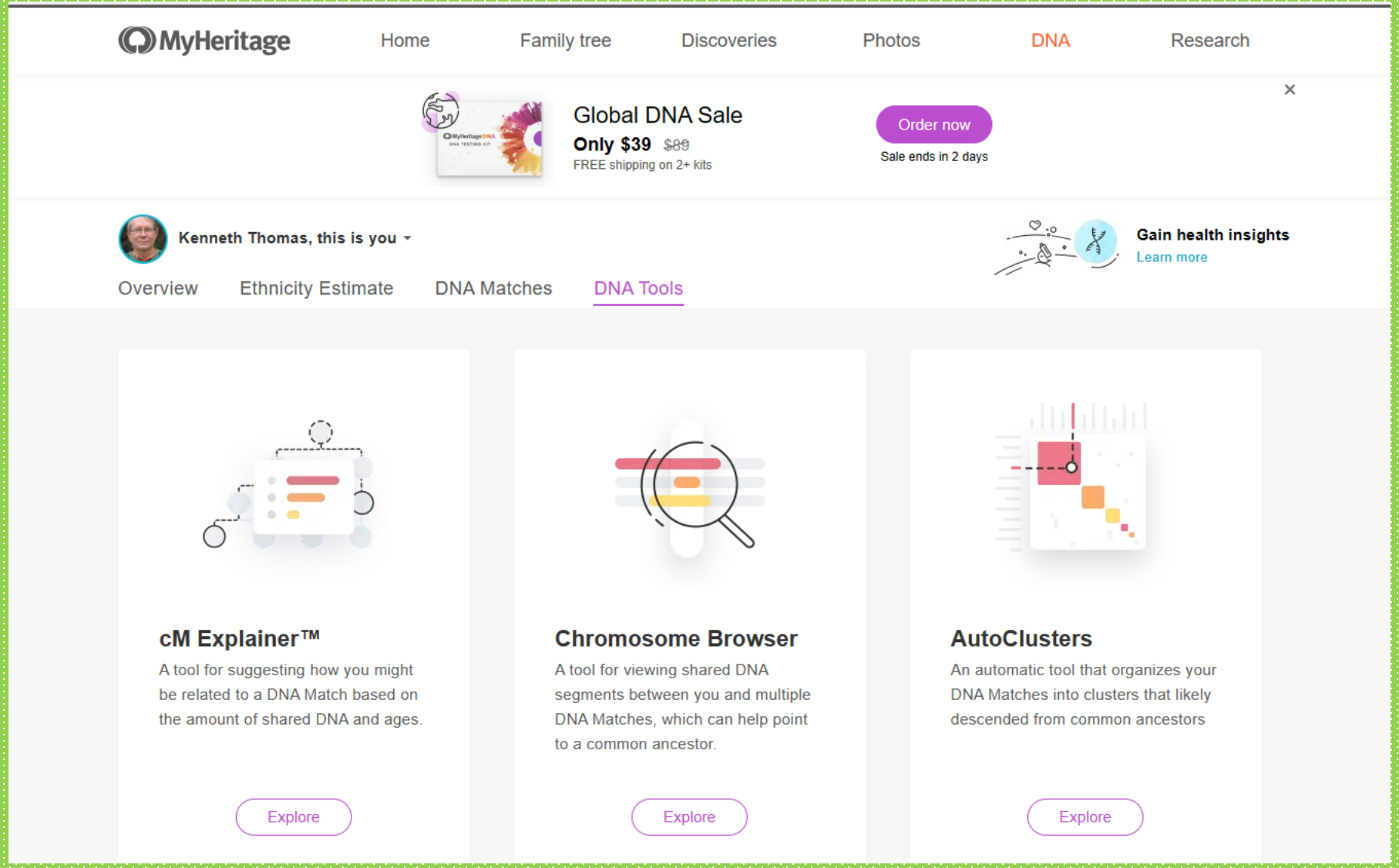
Unread messages
0

LivingDNA-Chromosome Browser by Group.

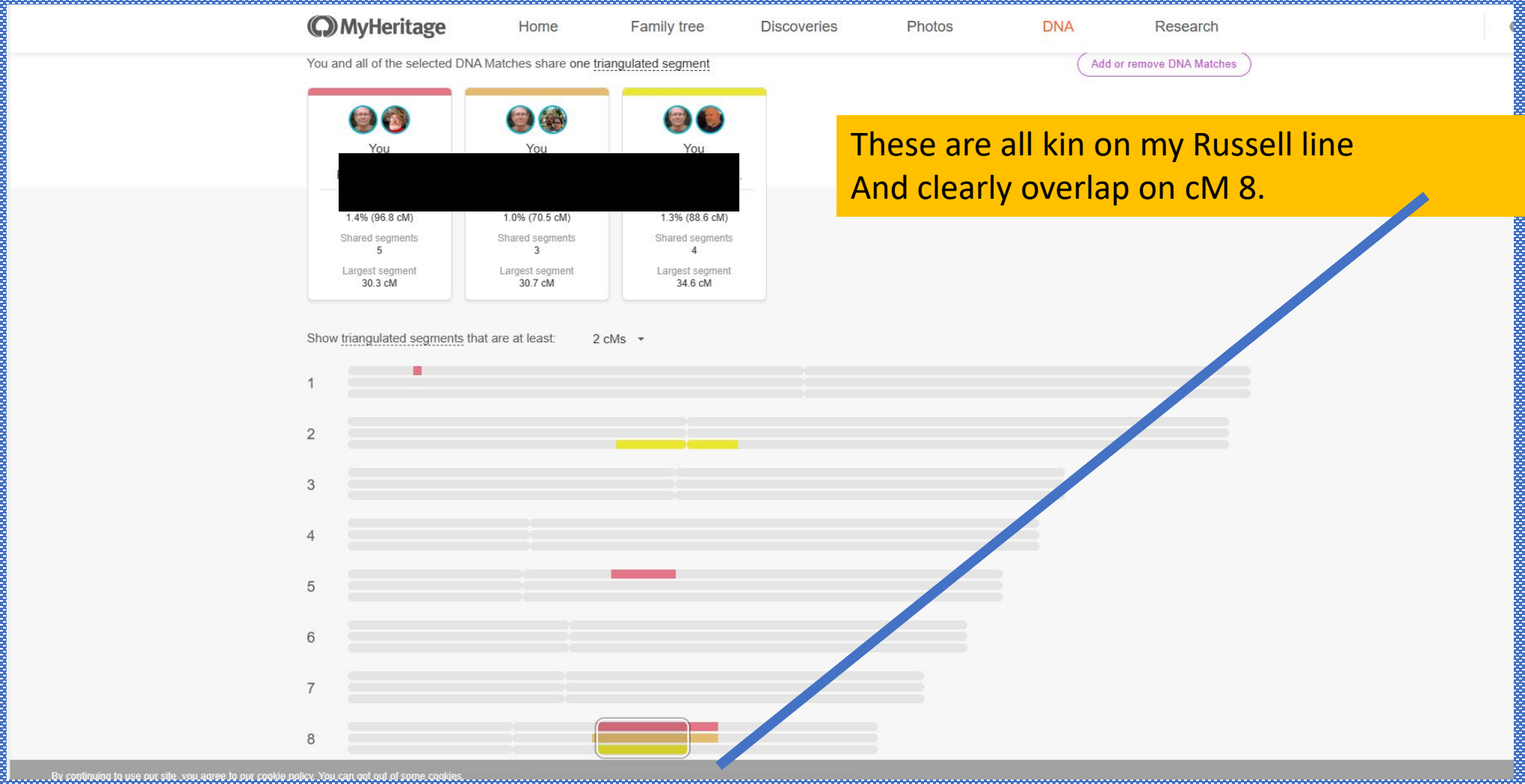
MyHeritage-basic view for lapsed subscription



MyHeritage- under *DNA Tools*



Chromosome Browser, after you hand select the matches to include.



These are all kin on my Russell line
And clearly overlap on cM 8.

MyHeritage-newish feature-helpful?

MyHeritage Knowledge Base Learn Genealogy course NEW

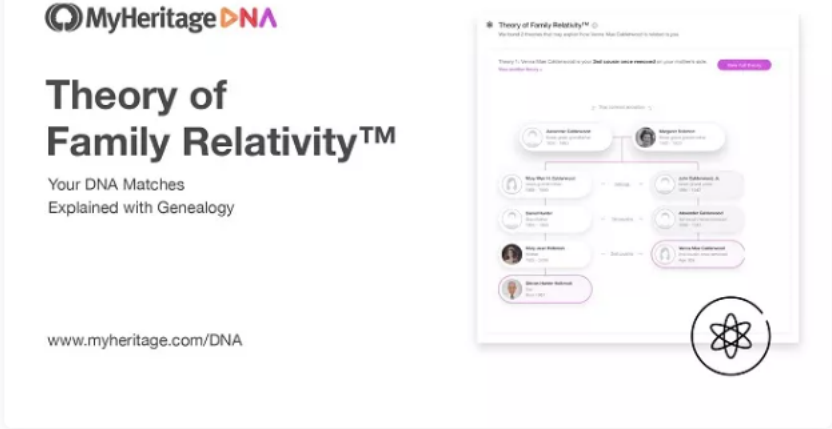
Learn > The Theory of Family Relativity™ for DNA Matches

DNA

The Theory of Family Relativity™ for DNA Matches

Article | 15.1k Like 95

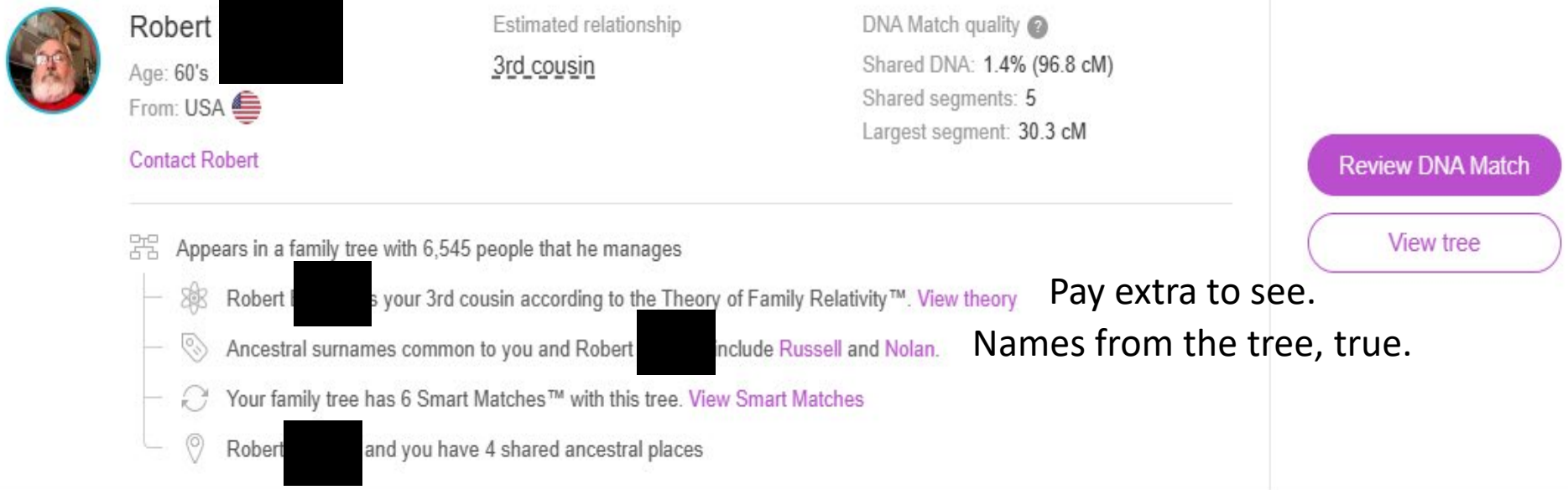
SHARE



The Theory of Family Relativity™ helps you make the most of your DNA Matches by incorporating genealogical information from all our collections of nearly 10 billion historical records and family tree profiles, to offer theories on how you and your DNA Matches might be related. If you've taken a MyHeritage DNA test or uploaded your DNA results to MyHeritage, this revolutionary technology may offer astounding new information on your family connections.

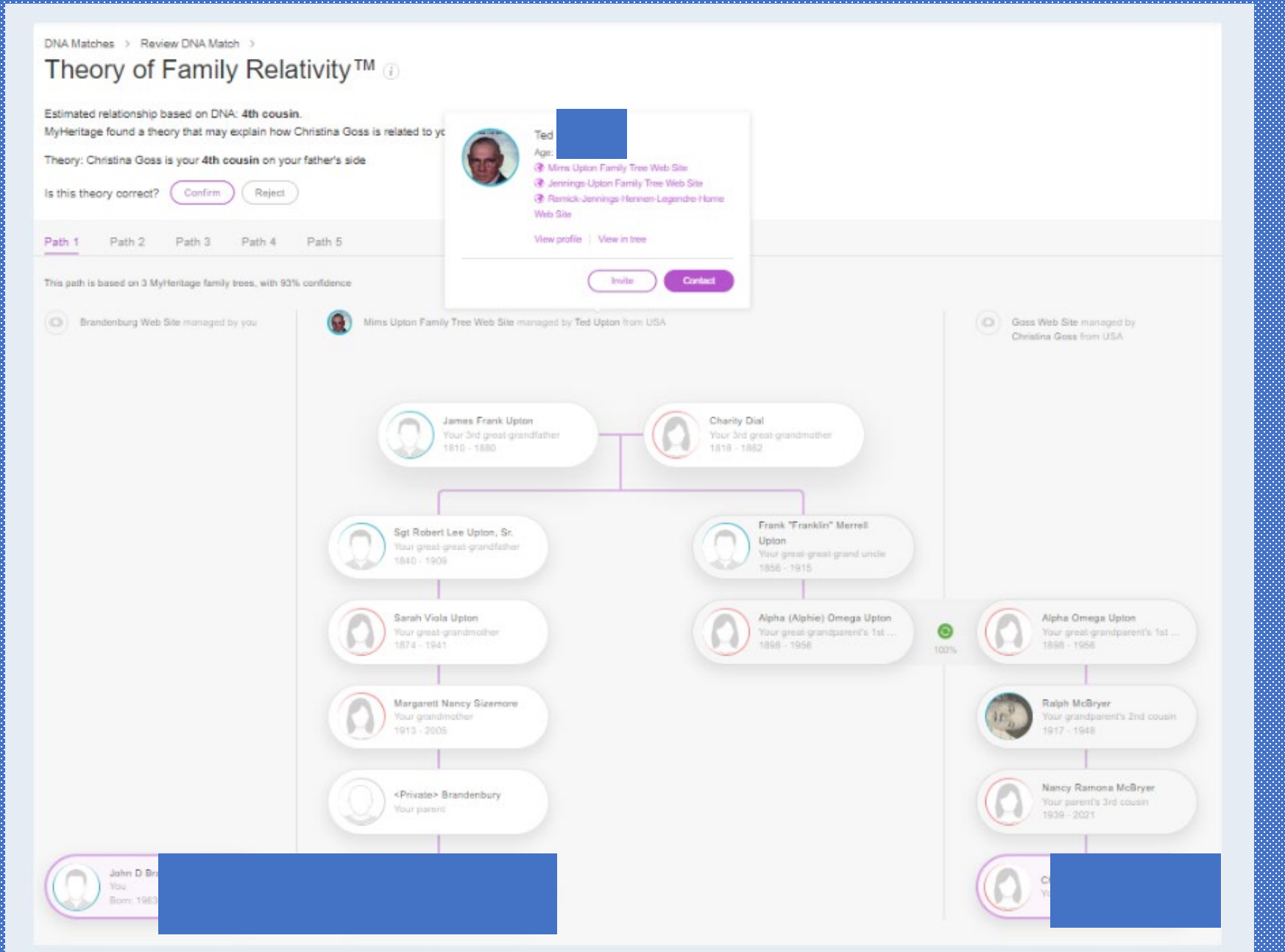
MyHeritage-select a match and see their suggestions, including *Theory of Relativity*

Match descends from my grandmother's first cousin-known kin.

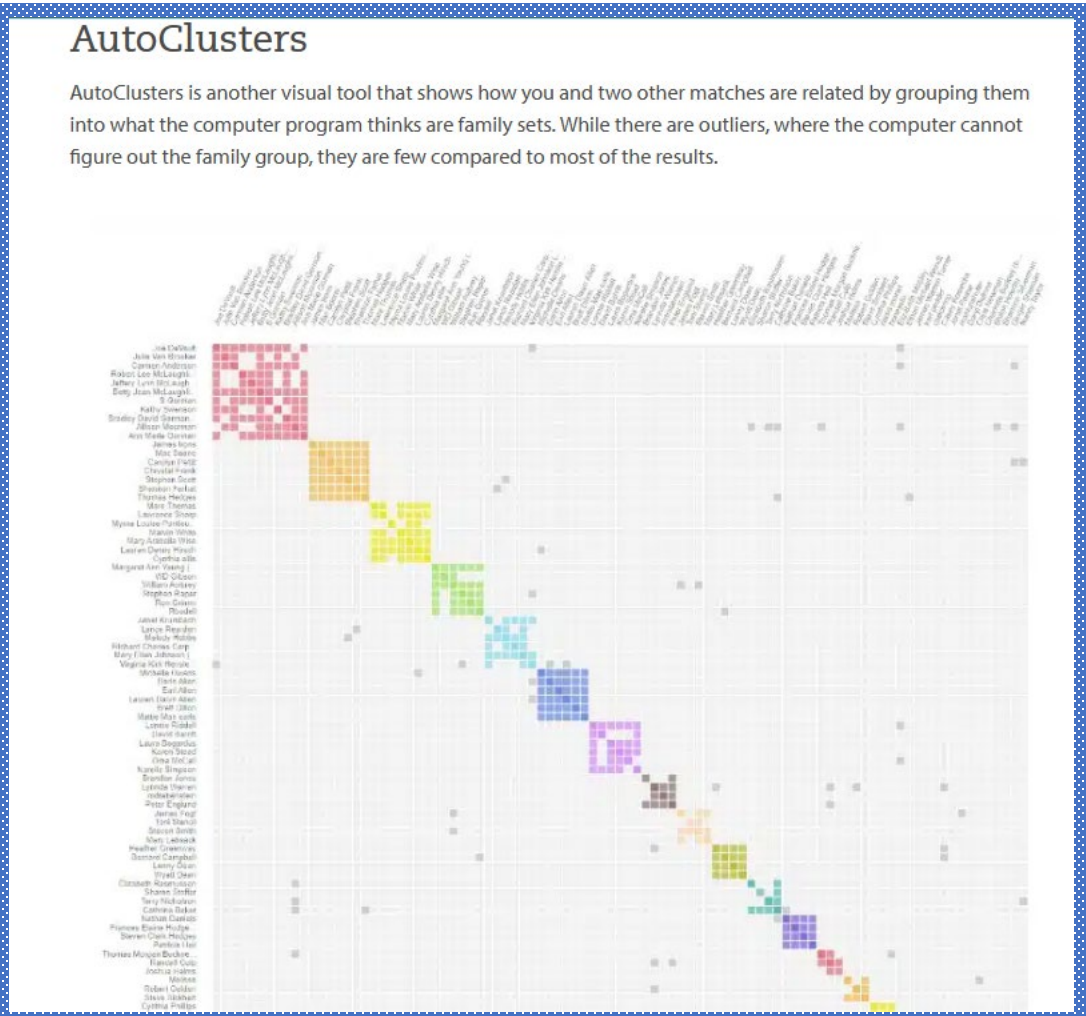


Pay extra to see.

Names from the tree, true.


DNA Matches
Review DNA Match
Theory of Family Relativity™
Estimated relationship based on DNA: 4th cousin.
Theory: Christina Goss is your 4th cousin on your father's side
Is this theory correct?
Confirm
Reject
Path 1
Path 2
Path 3
Path 4
Path 5
This path is based on 3 MyHeritage family trees, with 93% confidence
Ted
Age:
Mims Upton Family Tree Web Site
Jennings-Upton Family Tree Web Site
Remick-Jennings-Hennen-Legendre Home Web Site
View profile
View in tree
Invite
Contact
Brandenburg Web Site managed by you
Mims Upton Family Tree Web Site managed by Ted Upton from USA
Goss Web Site managed by Christina Goss from USA
James Frank Upton
Your 3rd great-grandfather
1810 - 1880
Charity Dial
Your 3rd great-grandmother
1818 - 1882
Sgt Robert Lee Upton, Sr.
Your great-great-grandfather
1840 - 1909
Frank "Franklin" Merrell Upton
Your great-great-grand uncle
1856 - 1915
Sarah Viola Upton
Your great-grandmother
1874 - 1941
Alpha (Alphie) Omega Upton
Your great-grandparent's 1st ...
1898 - 1956
100%
Alpha Omega Upton
Your great-grandparent's 1st ...
1898 - 1956
Margarett Nancy Sizemore
Your grandmother
1913 - 2005
Ralph McBryer
Your grandparent's 2nd cousin
1917 - 1948
<Private> Brandenbury
Your parent
Nancy Ramona McBryer
Your parent's 3rd cousin
1939 - 2021
John D Br
You
Born: 1967

MyHeritage-AutoClusters-Organizes your matches, but you have to pay extra.

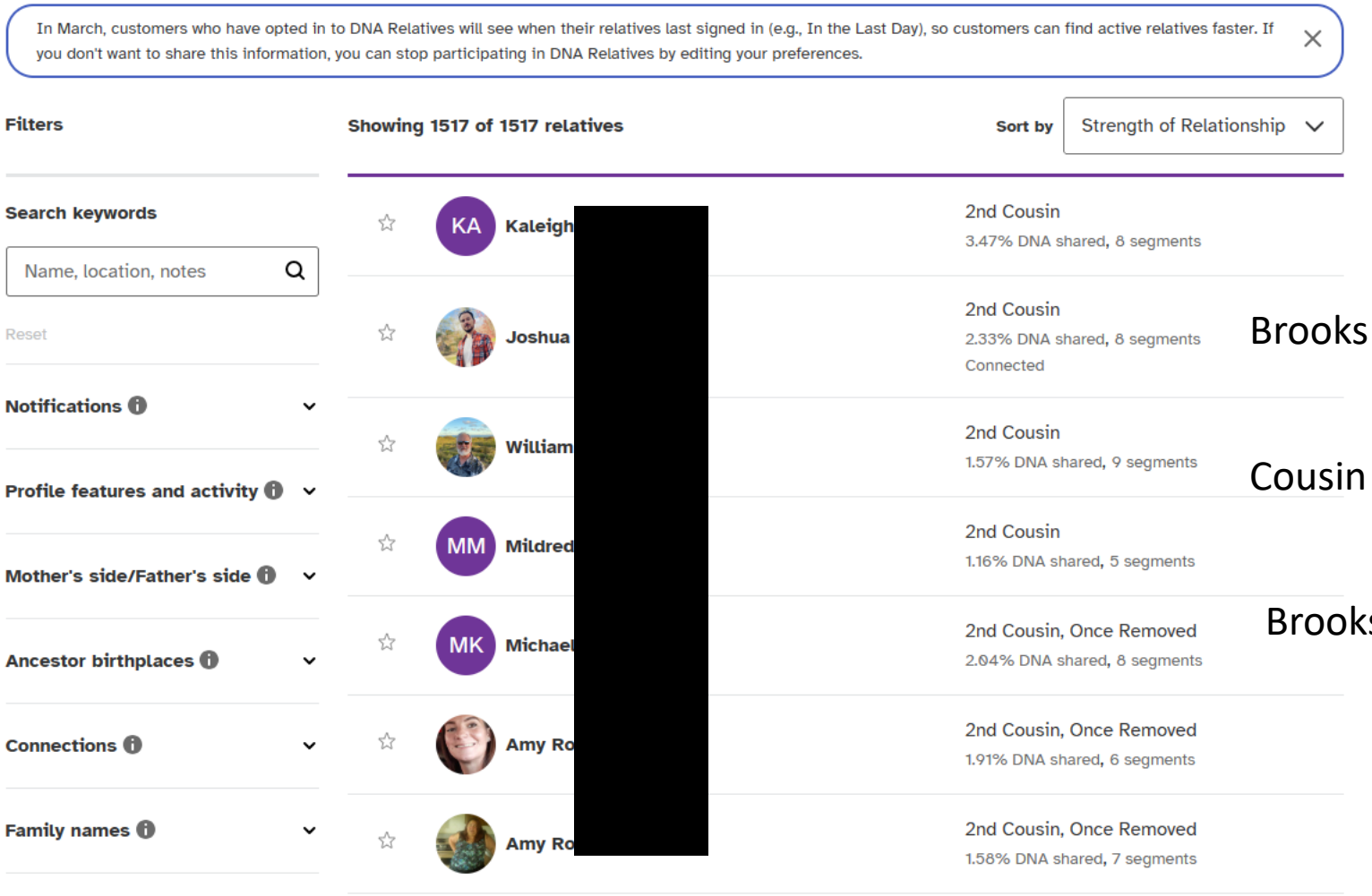


AutoClusters feature is available On GEDmatch, MyHeritage, DNAPainter, and something similar Perhaps on other sites.

23andMe DNA matches-top of the list

Limit those you view
To 1500 unless you have connected, then you stay connected.

Can expand to 5,000 if you also have health info, for fee.



Brooks 2nd cousin

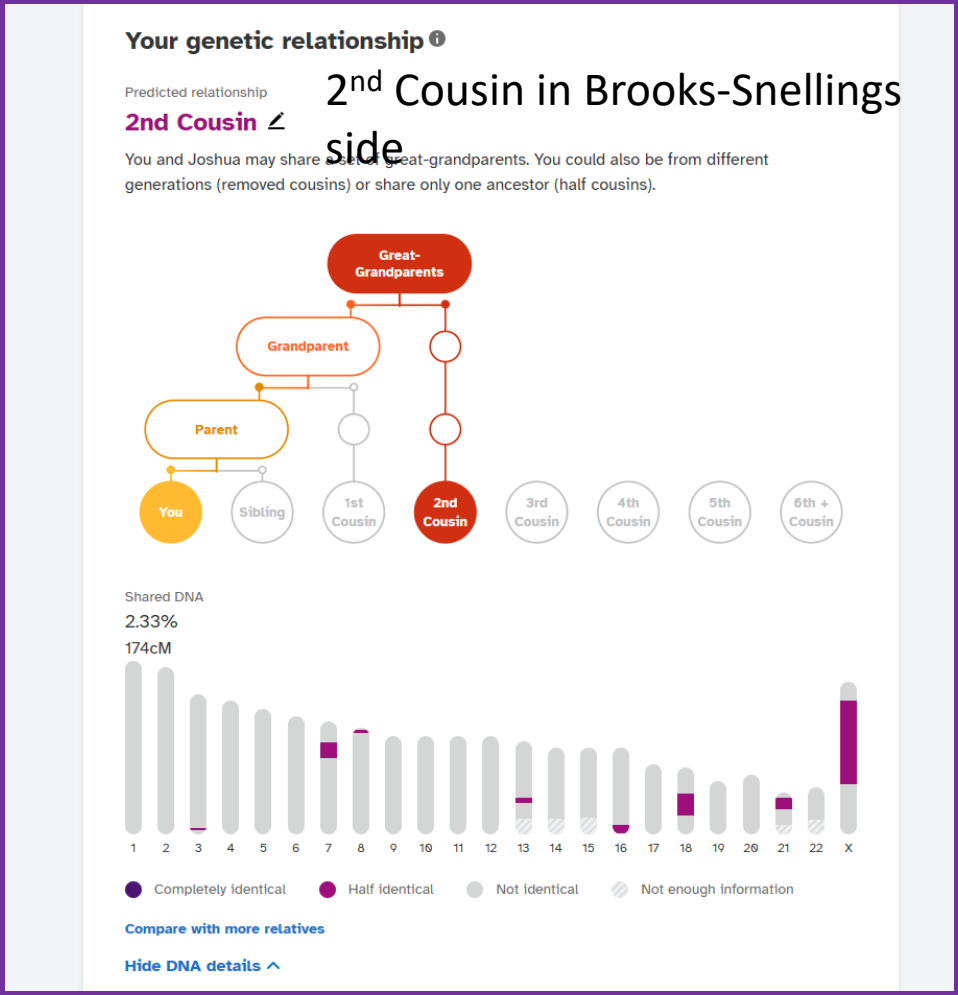
Kin

Cousin on two branches.

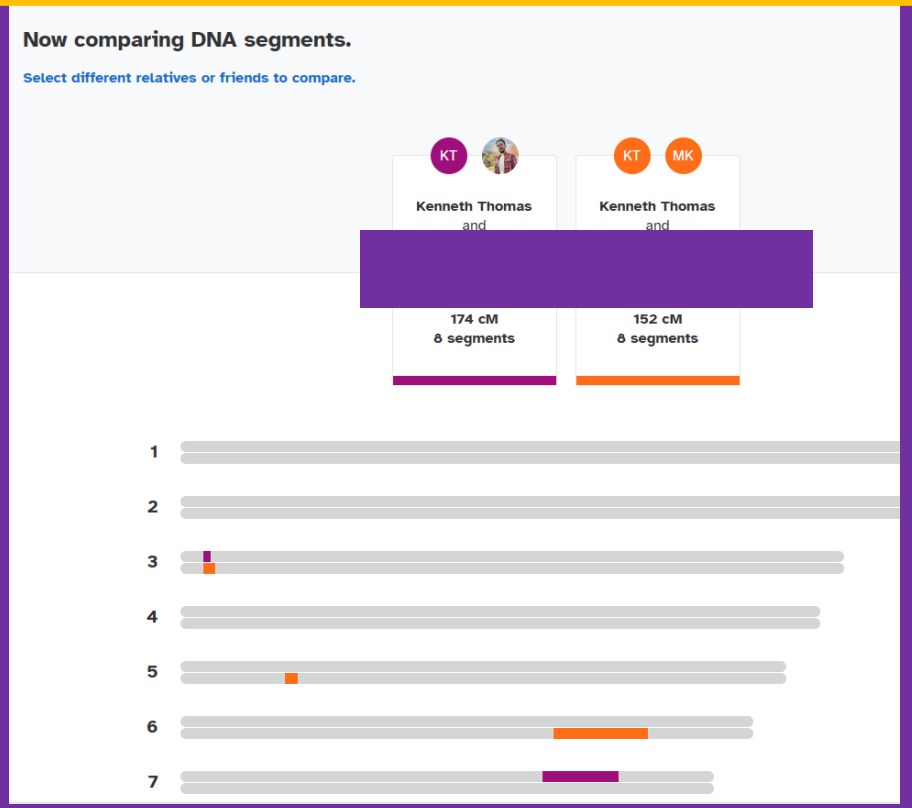
Brooks 2nd cousin.

23andMe-this is their Chromosome Browser, individual take. Then compare with others.

Use ***Advanced DNA Comparison***-tricky to find- to get results
These two men are my 2nd Cousins on Brooks-Snellings line.
"Compare Your DNA with Close and Distant Relatives"



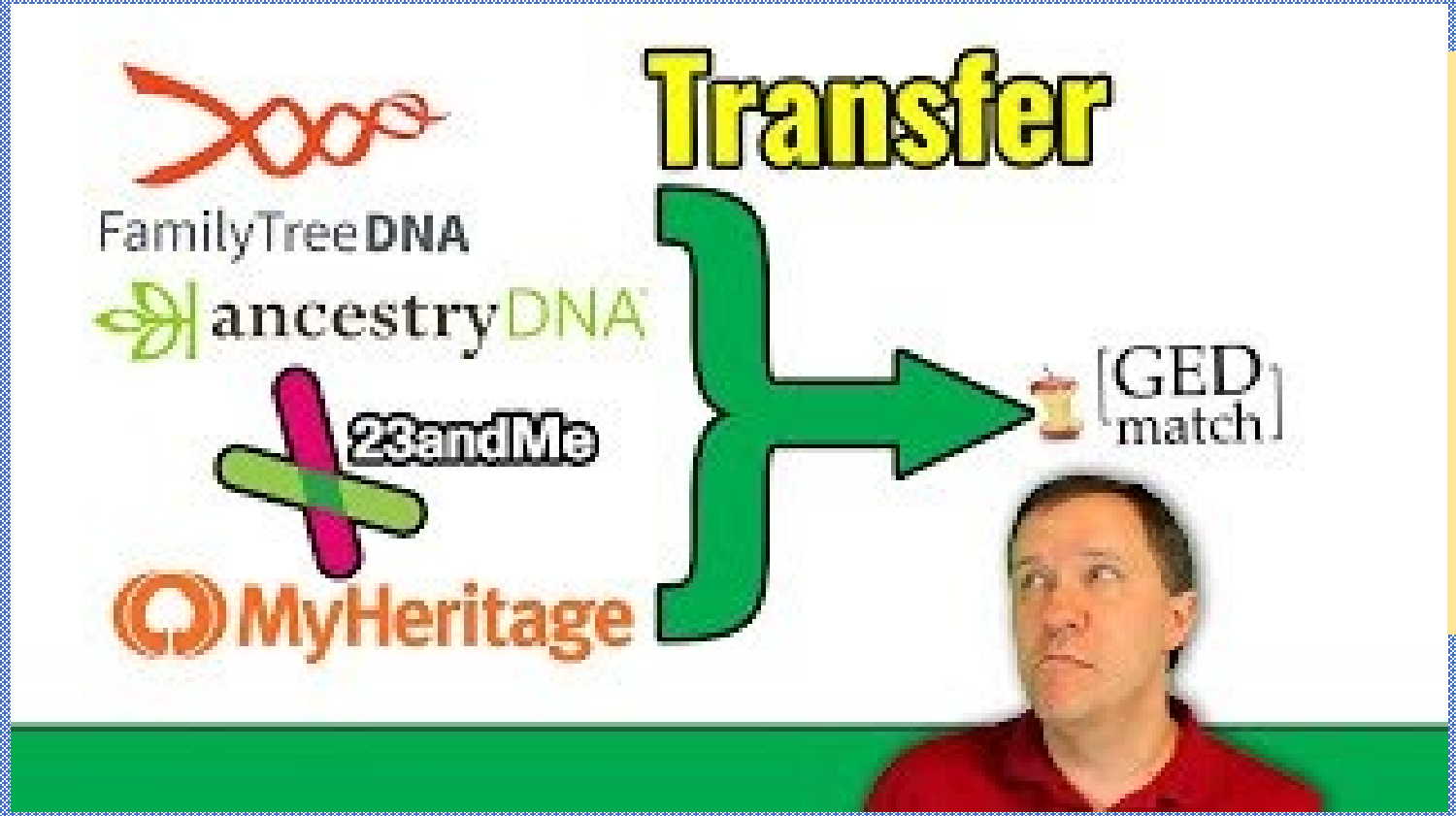
2nd Cousin in Brooks-Snellings side



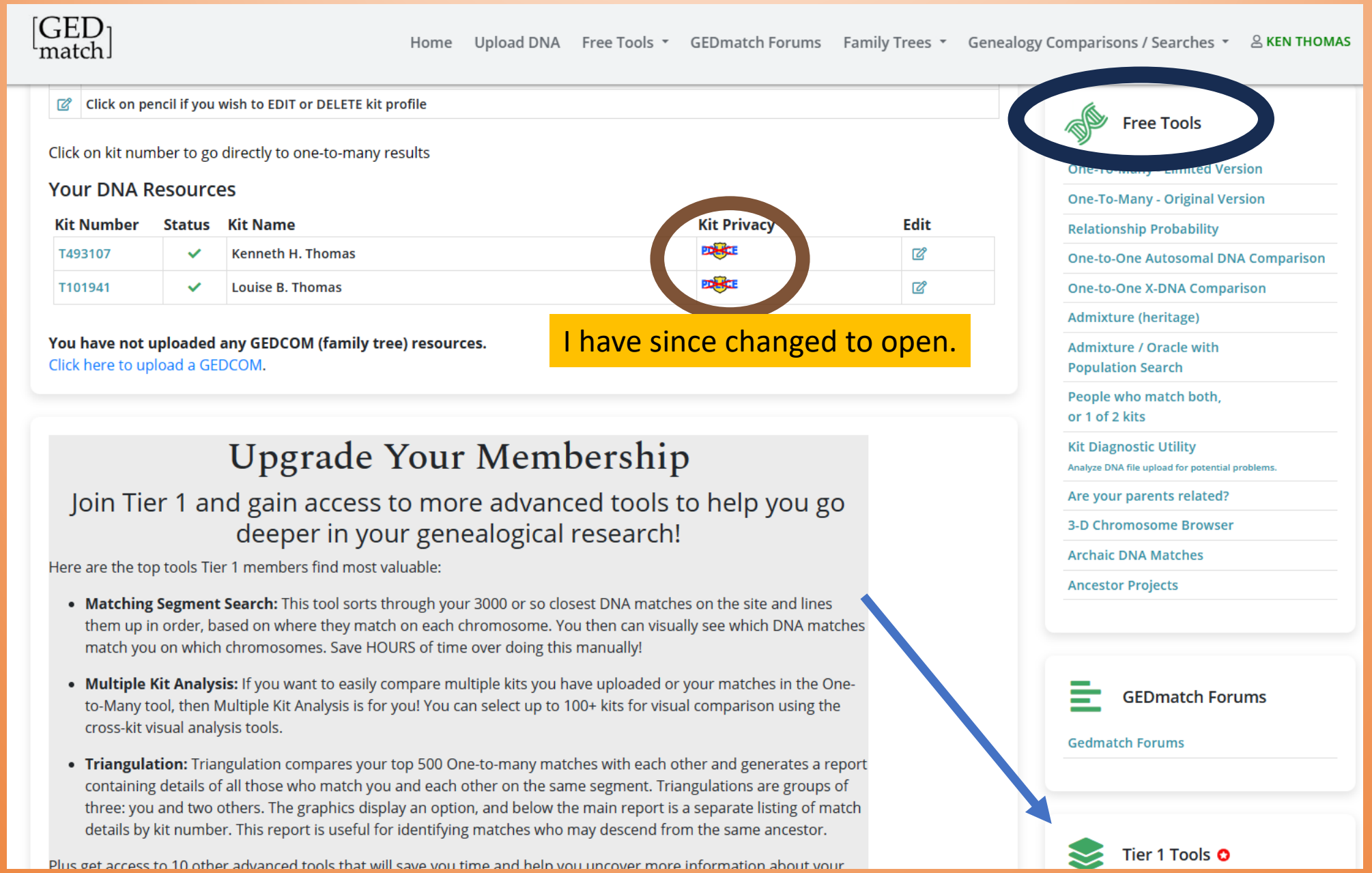
Third Party Testing Companies/Analysis

- GEDmatch
- DNAPainter

GEDmatch-always transfer DNA data there.



"QUICKLY Transfer DNA from Other Websites to GEDmatch | Genetic Genealogy"
On You Tube by Family History Fanatics. Talks you thru how to copy data to GEDmatch.


GEDmatch
Home
Upload DNA
Free Tools
GEDmatch Forums
Family Trees
Genealogy Comparisons / Searches
KEN THOMAS
Click on pencil if you wish to EDIT or DELETE kit profile
Click on kit number to go directly to one-to-many results
Your DNA Resources
Kit Number
Status
Kit Name
Kit Privacy
Edit
T493107
Kenneth H. Thomas
T101941
Louise B. Thomas
You have not uploaded any GEDCOM (family tree) resources.
Click here to upload a GEDCOM.
I have since changed to open.
Upgrade Your Membership
Join Tier 1 and gain access to more advanced tools to help you go deeper in your genealogical research!
Here are the top tools Tier 1 members find most valuable:
Matching Segment Search: This tool sorts through your 3000 or so closest DNA matches on the site and lines them up in order, based on where they match on each chromosome. You then can visually see which DNA matches match you on which chromosomes. Save HOURS of time over doing this manually!
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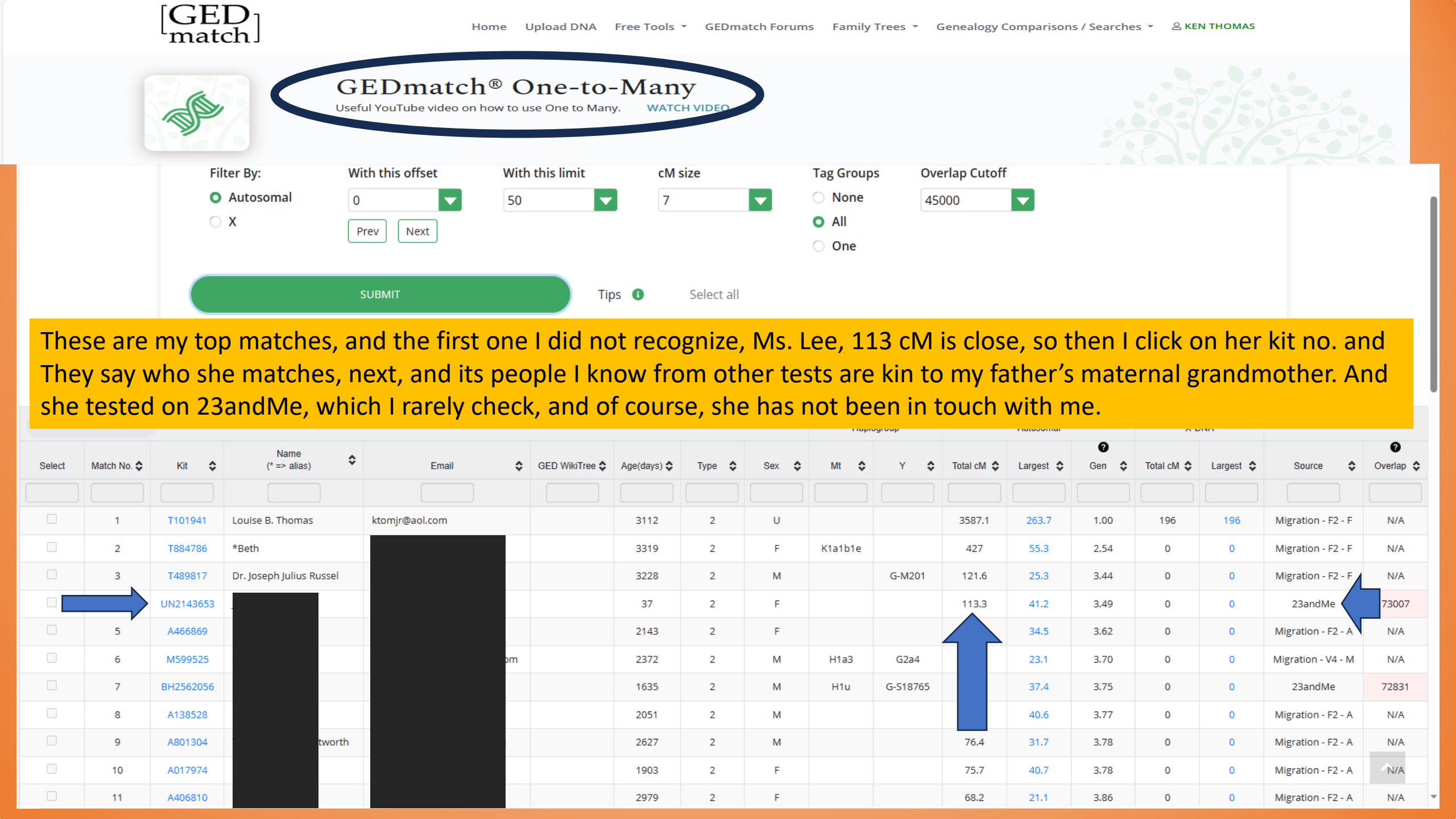
Plus get access to 10 other advanced tools that will save you time and help you uncover more information about your
Free Tools
One-To-Many - Limited Version
One-To-Many - Original Version
Relationship Probability
One-to-One Autosomal DNA Comparison
One-to-One X-DNA Comparison
Admixture (heritage)
Admixture / Oracle with Population Search
People who match both, or 1 of 2 kits
Kit Diagnostic Utility
Analyze DNA file upload for potential problems.
Are your parents related?
3-D Chromosome Browser
Archaic DNA Matches
Ancestor Projects
GEDmatch Forums
Gedmatch Forums
Tier 1 Tools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KEN THOMAS
GEDmatch® One-to-Many
Useful YouTube video on how to use One to Many.
WATCH VIDEO
Filter By:
Autosomal
X
With this offset
0
Prev
Next
With this limit
50
cM size
7
Tag Groups
None
All
One
Overlap Cutoff
45000
SUBMIT
Tips
Select all
These are my top matches, and the first one I did not recognize, Ms. Lee, 113 cM is close, so then I click on her kit no. and They say who she matches, next, and its people I know from other tests are kin to my father's maternal grandmother. And she tested on 23andMe, which I rarely check, and of course, she has not been in touch with me.
Select
Match No.
Kit
Name (* => alias)
Email
GED WikiTree
Age(days)
Type
Sex
Mt
Y
Total cM
Largest
Gen
Total cM
Largest
Source
Overlap
1 T101941 Louise B. Thomas ktomjr@aol.com 3112 2 U 3587.1 263.7 1.00 196 196 Migration - F2 - F N/A
2 T884786 *Beth 3319 2 F K1a1b1e 427 55.3 2.54 0 0 Migration - F2 - F N/A
3 T489817 Dr. Joseph Julius Russel 3228 2 M G-M201 121.6 25.3 3.44 0 0 Migration - F2 - F N/A
UN2143653 37 2 F 113.3 41.2 3.49 0 0 23andMe 73007
5 A466869 2143 2 F 34.5 3.62 0 0 Migration - F2 - A N/A
6 M599525 2372 2 M H1a3 G2a4 23.1 3.70 0 0 Migration - V4 - M N/A
7 BH2562056 1635 2 M H1u G-S18765 37.4 3.75 0 0 23andMe 72831
8 A138528 2051 2 M 40.6 3.77 0 0 Migration - F2 - A N/A
9 A801304 2627 2 M 76.4 31.7 3.78 0 0 Migration - F2 - A N/A
10 A017974 1903 2 F 75.7 40.7 3.78 0 0 Migration - F2 - A N/A
11 A406810 2979 2 F 68.2 21.1 3.86 0 0 Migration - F2 - A N/A

[GED match]

Home | Upload DNA | Free Tools | GEDmatch Forums | Family Trees | Genealogy Comparisons / Searches | KEN THOMAS

Select	Match No.	Kit	Name (* => alias)	Email	GED WikiTree	Age(days)	Type	Sex	Mt	Y	Total cM	Largest	Gen	Total cM	Largest	Source	Overlap
	1	GG4721567	[redacted]	[redacted]		1539	2	M			261.7	38.9	2.89	0	0	Ancestry	66716
	2	M728952				2395	2	F	H6a1		231.5	57.3	2.98	0	0	Migration - V4 - M	45955
	3	M801125				2610	2	M	H10	R1b1b2a1a1d	212.7	42.3	3.04	0	0	Migration - V4 - M	45708
	4	M499378				2660	2	F	H6a1		148.5	24.9	3.30	0	0	Migration - V4 - M	45426
	5	M506037				1969	2	F			148.5	24.9	3.30	0	0	Migration - V4 - M	45072
	6	A341459				3675	2	M			142.8	38.6	3.33	0	0	Migration - F2 - A	72770
	7	AD1211291				1553	2	F	J2alala		139.3	37.2	3.34	0	0	FTDNA	70106
	8	A578458				1899	2	F			130.7	30.8	3.39	0	0	Migration - F2 - A	51375
	9	SE1830536				943	2	F			121.3	68.6	3.44	0	0	MyHeritage	278909
	10	T493107				3935	2	M			113.3	41.2	3.49	0	0	Migration - F2 - F	73007
	11	ZA7320069				219	2	F			109	26.7	3.52	0	0	Ancestry	66910
	12	UN9217461				239	2	F			103.6	24.4	3.56	0	0	FTDNA	282540
	13	T948707				2272	2	F	J2a1a1a		98.1	37.2	3.60	0	0	Migration - F2 - T	71028
	14	A797920				3112	2	U			88.1	40.9	3.67	0	0	Migration - F2 - A	71984
	15	A334719				1817	2	M			84.7	22.5	3.70	0	0	Migration - F2 - A	53028
	16	A577798				3134	2	F			84.2	35.7	3.71	0	0	Migration - F2 - A	71492
	17	T573209			GED	2272	2	F	J2a1a1a		82	37.9	3.73	0	0	Migration - F2 - T	71661
	18	T472785				2516	2	M	J2a1a1a	R-Z27998	81.8	37.2	3.73	0	0	Migration - F2 - T	72210
	19	A062304				1981	2	M			80.2	40.7	3.74	0	0	Migration - F2 - A	50839

GEDMatch-Tier 1- cost is $100 a year.

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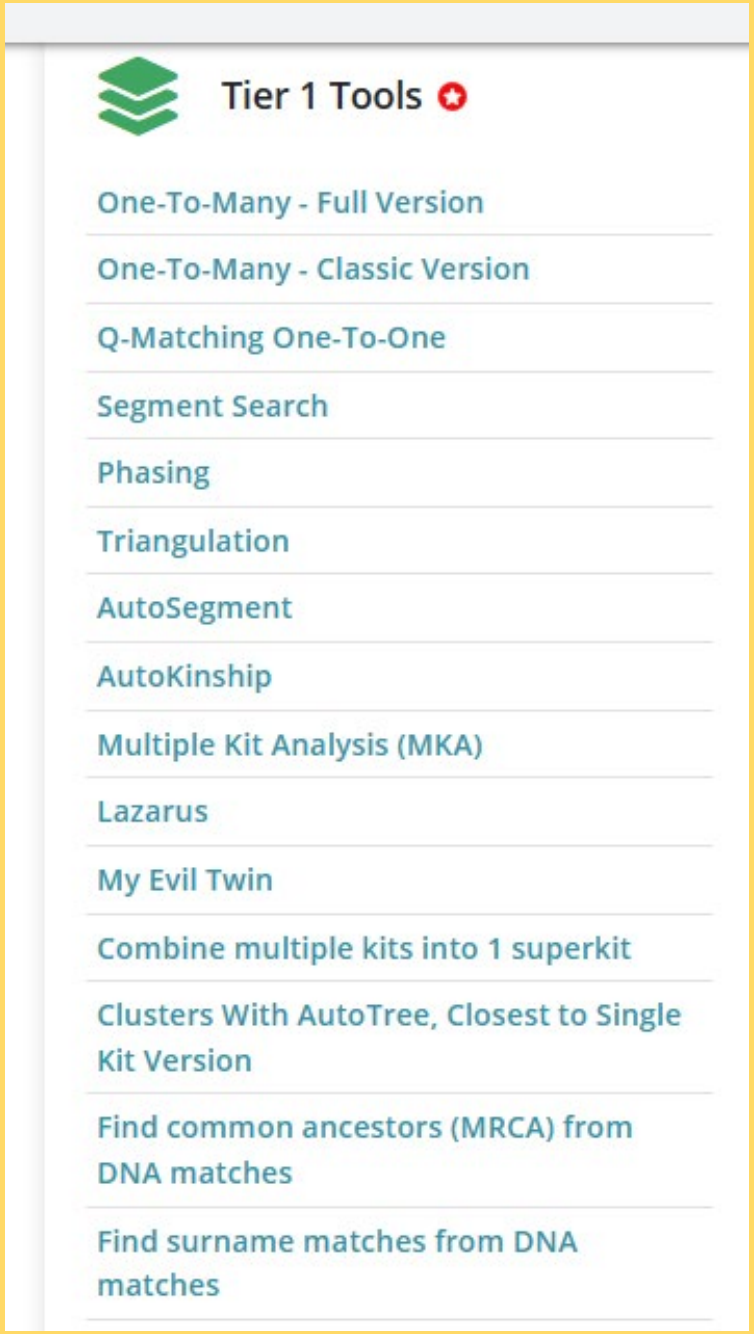
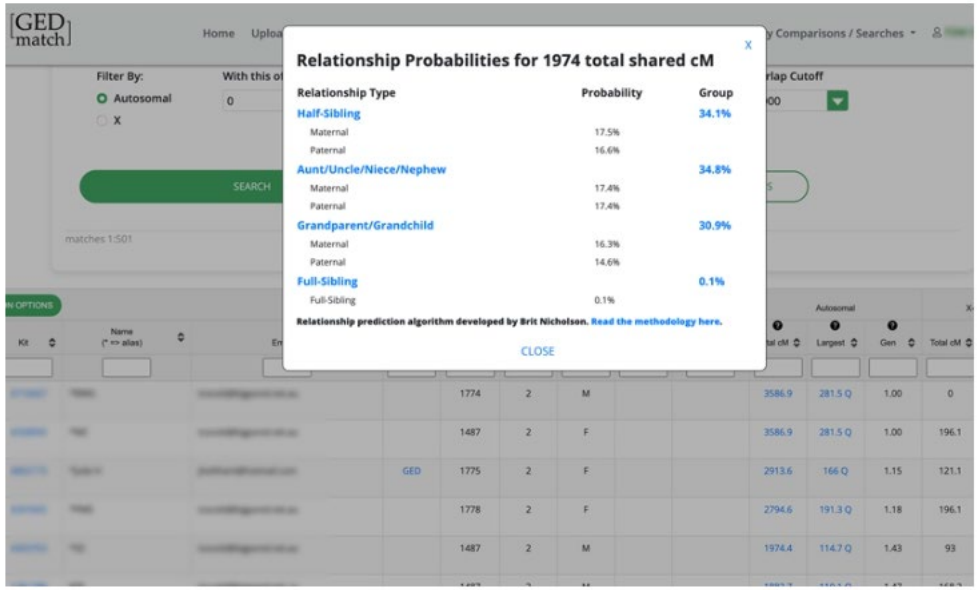


GEDmatch tool-2021 via Tier One.

Relationship Prediction New Tool & the Latest Site Improvements

We are excited to bring this accurate relationship prediction tool developed by Briton Nicholson that will be integrated throughout GEDmatch.



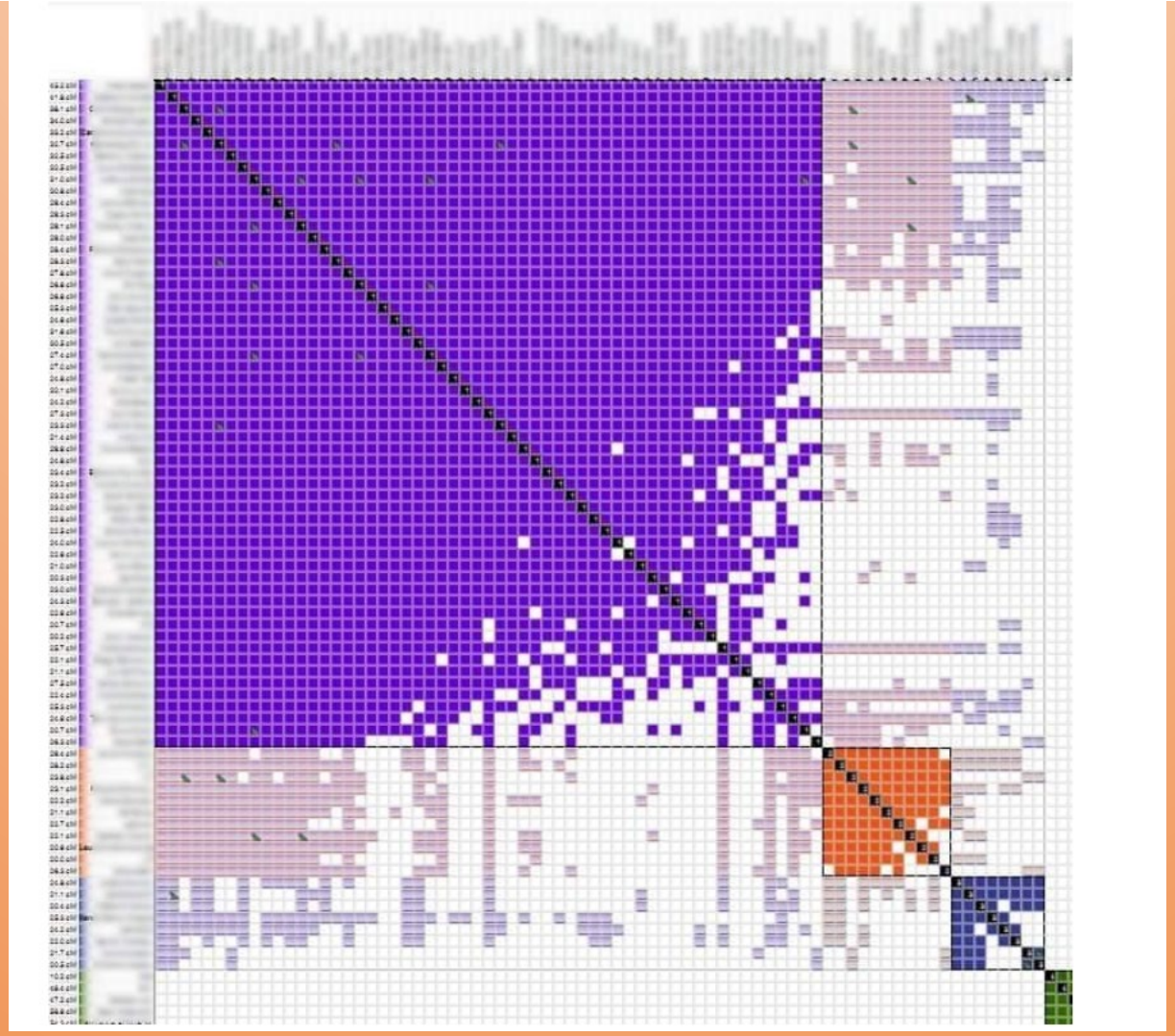
The first step of integration is on the One-to-Many Tier 1 Tool - Full Version. This is now live on app.gedmatch.com. To use the tool, simply click on the Total cM value for any of the kits in the results table, and a window will appear showing the predicted relationships! Additional integrations are planned for the future, so stay tuned!

Read about the tool on Brit's site >

GEDmatch ® Closest Matches AutoCluster - AutoTree - AutoPedigree

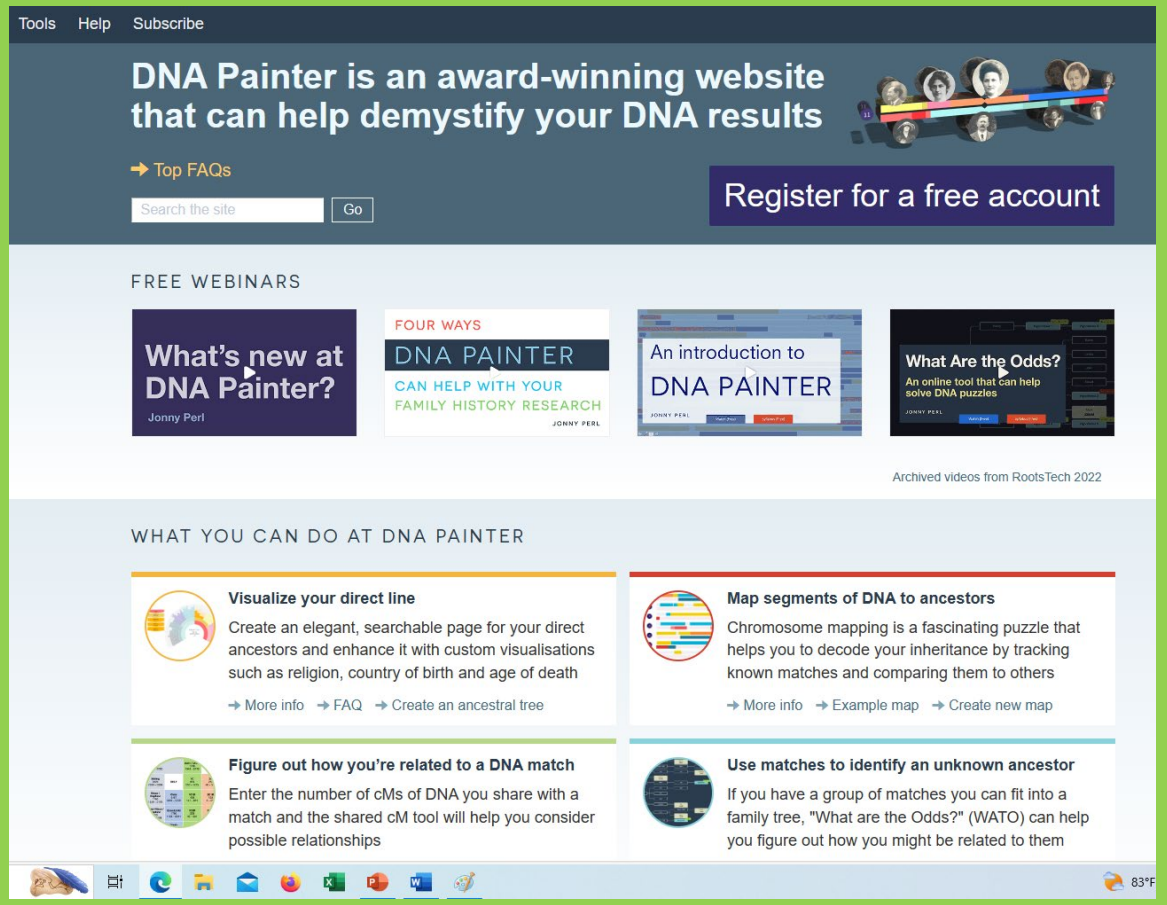
Here is a link to a useful YouTube video on using the Tier 1 Clustering tool.

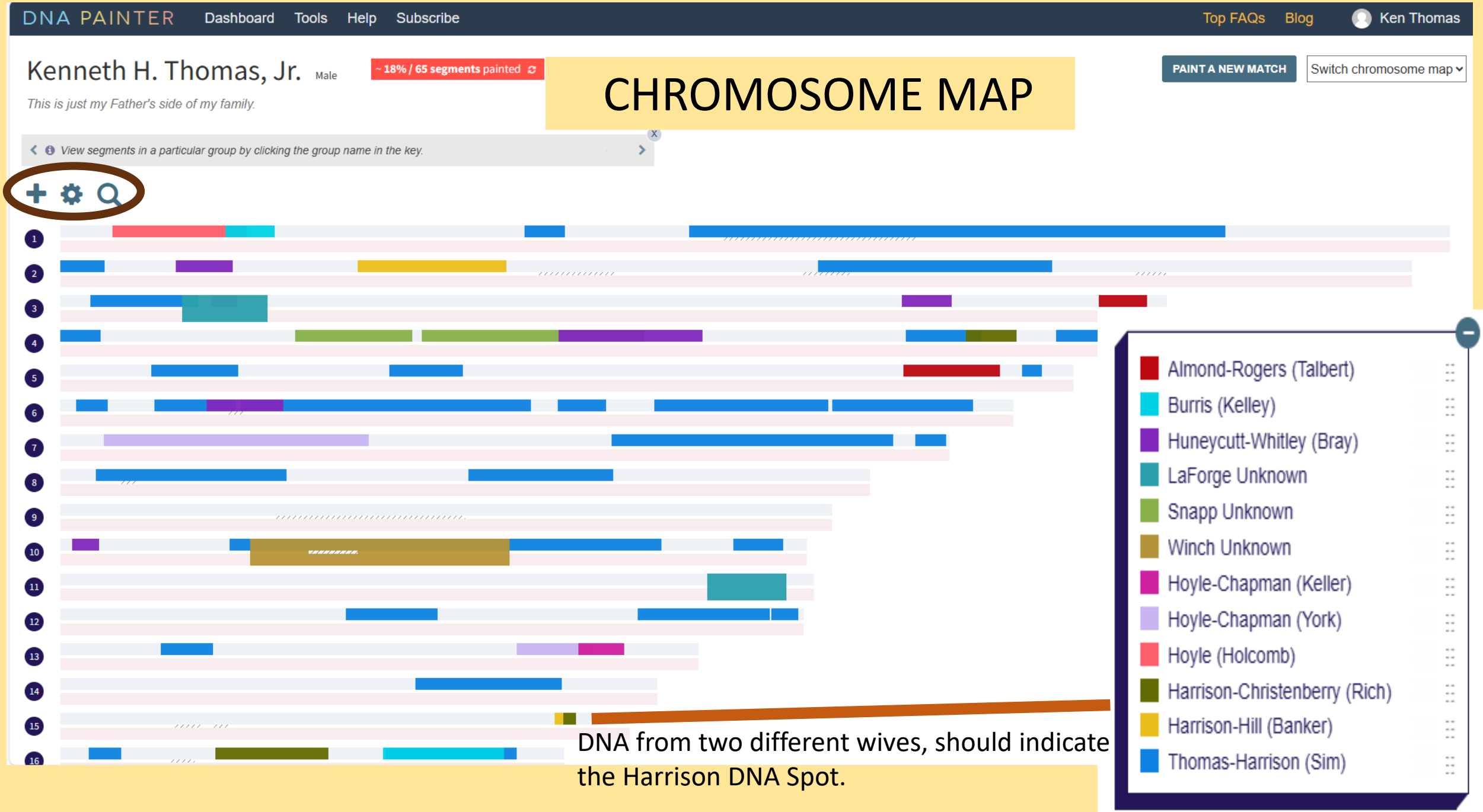
Work Flow Info Toggle



DNA Painter created by Jonny Perl

- Chromosome Map-see example
- What are the Odds (WATO)
- Jonny Perl, the inventor, who manages the website, is always tweaking the site. Always check for new features.
- Good videos on how to use the site at YouTube, GenealogyTV, etc.





DNA from two different wives, should indicate the Harrison DNA Spot.

CAN YOU GET DNA FROM STAMPS OR HAIR?
STATUS: Yes, but not as easy as on TV

We can confirm this myth with a **caveat**: Yes, but we can't quite use it yet. Just a couple of years ago, this myth had a hard no. While you can find DNA on **licked stamps** and **envelopes**, **used razors**, and in the **root of uncut hair**, it can be tricky to extract for genealogical purposes. This category of samples (called "special samples") defy the process historically used by genetic genealogy companies.

But the science continues to **evolve**, and some services now offer **special sample testing**. While **expensive**, the tests allow for a direct comparison of the DNA from a postage stamp to that of a living person. Test takers can then use this information to determine genetic relationships, such as between parents and their children.

Despite these scientific advancements, the **big genetic genealogy companies don't currently offer testing** using special samples. Nor do they compare that kind of data with their databases to find genetic matches. However, in one special case, LivingDNA used DNA collected from a postage stamp to help a woman found as a baby in a blackberry bush to locate her family. And the company has indicated it's interested in eventually offering these services. (From *FamilyTreeMagazine* online article by Diahan Southard, DNA expert)

DNA FROM ENVELOPES, HAIR, ETC.

- This type of procedure is being done by some companies.
- Success is not promised.
- Some experts think you should wait a few more years to try it.
- But if you are willing to spend the money, take your changes, and have decent source samples.
- Remember to clarify with the company what form the results will be in.
- What kind of DNA will be extracted? and
- ***Will it be the type of DNA that you expect?***

https://www.intermountainforensics.com/keepsake-services

Example of prices from
A company several
friends
Have tried.

If you go to their website
Above, you can see a list
Of the things they can
Test, and the stages they
Go through

Again, this is just one
company, and a few
others are listed in the
handout.

List is not comprehensive.

Keepsake DNA Pricing

Home | Services | About Us | Terms of Service

Artifact testing is a last resort, a true genealogy "brick wall" smasher. If you can send your relative's saliva in a tube to a company that tests 1,000 samples at a time, try that first. Extracting DNA from artifacts must be done one at a time, and – to get the best results – requires equipment so advanced that most crime labs do not even have it.

As noted elsewhere (Services), there are two general phases of artifact testing. The pricing below is for Phase 1 Quantification, (determining whether there is enough usable DNA to perform) Phase 2 sequencing. (This is sometimes called genotyping, but with the FGx is more correctly referred to as sequencing).

*All pricing in U.S. dollars.

PRICING FOR PHASE 1 (DNA Extraction and Quantification)

- Preliminary DNA Reporting $290
- Bone/Teeth pre-processing $275
- Porous material pre-processing $260

PRICING FOR PHASE 2 (Sequencing)

- Whole Genome Sequencing $2295
- Targeted DNA Sequencing $1795

Another company that two
Friends have used is
ToTheLetterDNA.com out of
Australia, but with a local
Contact.

This presentation will be posted on the *Georgia Archives YouTube* channel (free)

- This talk will be on the Ga Archives YouTube Channel within a week.
- At the GA Archives Website, homepage, click the YouTUbe icon
- Search for ***Archives and Genealogy Day 2023***
- Or on YouTube itself, which is FREE

Search for **my full name** for other talks I have done posted there. And many by others on DNA.