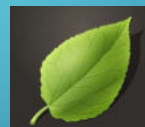
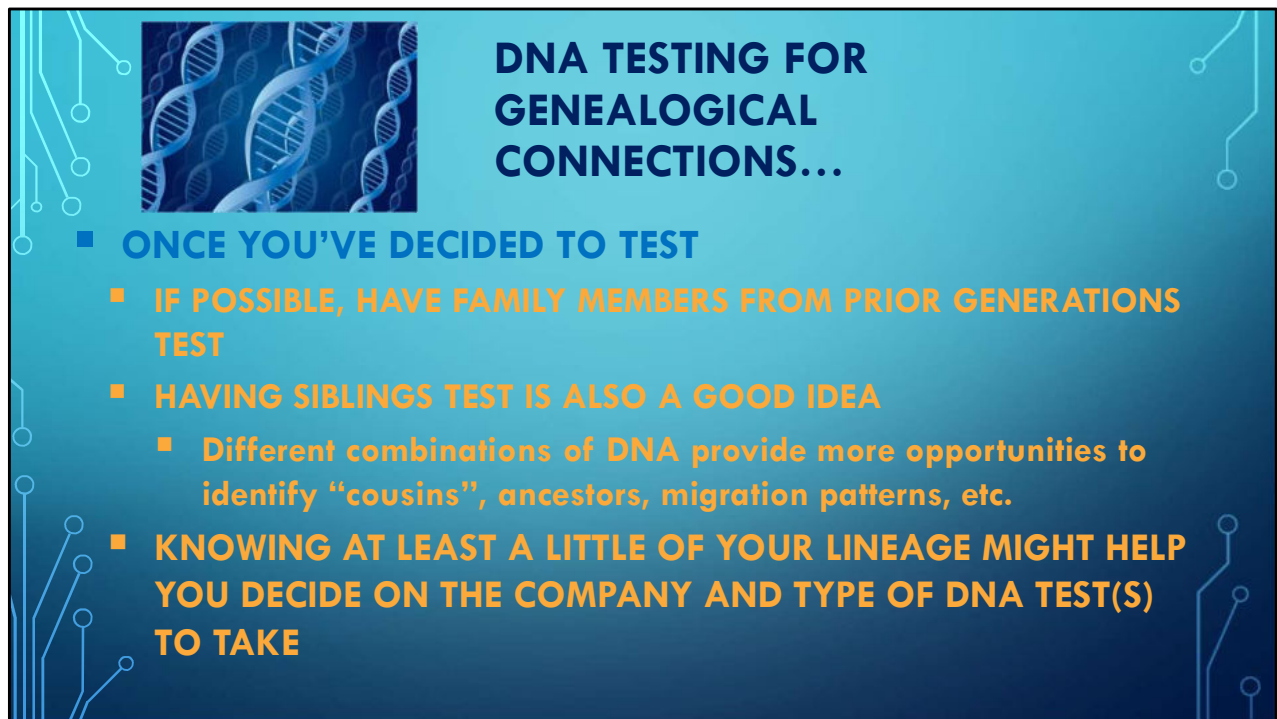


# USING DNA TO FIND FAMILY CONNECTIONS



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2022-23 DIRECTOR-EDUCATION  
QC GENEALOGY CLUB  
23 FEBRUARY 2023



The infographic features a blue background with a central image of DNA double helix structures. The title 'DNA TESTING FOR GENEALOGICAL CONNECTIONS...' is in bold white text. Below it, a list of tips is presented in orange and white text, framed by decorative circuit-like lines.

## DNA TESTING FOR GENEALOGICAL CONNECTIONS...

- **ONCE YOU'VE DECIDED TO TEST**
  - **IF POSSIBLE, HAVE FAMILY MEMBERS FROM PRIOR GENERATIONS TEST**
  - **HAVING SIBLINGS TEST IS ALSO A GOOD IDEA**
    - **Different combinations of DNA provide more opportunities to identify "cousins", ancestors, migration patterns, etc.**
  - **KNOWING AT LEAST A LITTLE OF YOUR LINEAGE MIGHT HELP YOU DECIDE ON THE COMPANY AND TYPE OF DNA TEST(S) TO TAKE**

- **Encourage family members to test** – especially those from earlier generations. Very simply, older relatives share more DNA with your ancestors than you do, giving you many more DNA matches and the chances to find out more about where your ancestors came from and to collaborate with DNA cousins.

**DNA inheritance:** Each individual inherits 50% of their autosomal [DNA](#) from their mother and 50% from their father. Beyond that, they inherit approximately 25% from each grandparent and approximately half the previous amount from every subsequent generation of ancestry. Eventually, due to the random nature of autosomal DNA inheritance, there will be some ancestors from whom an individual does not inherit significant portions of their autosomal DNA. Any autosomal or X-DNA you inherit from a specific ancestor has to be less than or equal to the amount of DNA that your parent inherited from that same ancestor which in turn is a subset of the DNA that your grandparent inherited from that same ancestor. While your grandmother may share 25% of her DNA with your second great-grandparent, you will share only about 6% of your DNA with that same ancestor.

**DNA test preferences** are beginning to be seen around the world – because of that, knowing at least a little of your lineage might help you decide on the company and type of DNA test(s) to take.

- **AncestryDNA** primarily tests users from **North America** but has also expanded into the **UK**.
- **MyHeritage's** test is **most popular in European countries**.
- **23andMe** provides not only autosomal testing, but mtDNA (mitochondrial - matrilineal) and Y-DNA tests (patrilineal – only males can test) -- can provide better information if you have **Native American ancestry**
- **LivingDNA** best ancestry test for people with **roots in the British Isles (Irish)**.

## DNA TESTING... CHOOSING A TESTING COMPANY

- MATCH TESTING COMPANY TO DESIRED GOALS
  - Family Migrations
  - Find Cousins
  - Co\$ considerations






[https://isogg.org/wiki/Autosomal\\_DNA\\_testing\\_comparison\\_chart](https://isogg.org/wiki/Autosomal_DNA_testing_comparison_chart)

[https://isogg.org/wiki/Autosomal\\_DNA\\_testing\\_comparison\\_chart](https://isogg.org/wiki/Autosomal_DNA_testing_comparison_chart)

Any one of the leading DNA companies will do a good job of providing you with reports and tools that can help you understand your family's genetic past. However, I'll give you a little info on some tests that you might consider when choosing a testing company for the primary purpose of finding connections that will further fill your Family Tree.

**AncestryDNA** is probably the most well-known test – their sample database by far is the largest with approx. 20 million testers; primarily from **North America** but test usage has also expanded into the UK. AncestryDNA's test is strictly an autosomal DNA test; They do not accept uploads of any other testing company's DNA test results so you'll have to use their test for ethnicity reports and matches of potential relatives from their database. Ancestry DNA does allow you to download your raw DNA information which you could then upload to other testing companies that do accept uploads.

**23andMe** is another well-known company with a database of approx. 12 million testers. 23andMe tests autosomal DNA, X-chromosome DNA, Y-chromosome DNA, and mitochondrial DNA (mtDNA). Using these extra sources of DNA, 23andMe can determine your haplogroups, which can tell you about your maternal and paternal lines. They also estimate your Neanderthal DNA, and can provide better information if you have Native American ancestry.

**MyHeritage** is primarily a company based around building and researching your family tree. MyHeritageDNA test is **most popular in European countries** – like AncestryDNA, their test is strictly an autosomal test. They also have one of the largest database sizes, so test results have a higher statistical probability of being correct. The company provides for you to do in-depth ancestry research on your family history, connect to your relatives in their database, and you can use your ancestry report to help build your family tree.

**FamilyTreeDNA** is best for those who are serious about genealogy and want a DNA analysis specific to one side of their family. With FTDNA, you can purchase the Y-DNA or mtDNA tests, allowing you to get test results specific to your paternal and maternal lineage. While these specific tests come with an additional cost, FTDNA is the only DNA-analysis company to offer comprehensive DNA tests on these parts of your DNA. Essentially, this allows you to determine your father or mother's genetic makeup and find connections based on specific lines.

**Living DNA** is considered by many to be the best ancestry test for people with **roots in the British Isles (Irish)**. Both YDNA and mtDNA are tested. You can also search LivingDNA's user database for family matches simply by uploading your raw DNA data from another DNA analysis site for free. They offer DNA matching, use a cheek swab and are now partnered with **Find My Past**.

**GENETIC GENEALOGY RESEARCH...  
SOME TOOLS FOR RESEARCHING  
USING DNA RESULTS**

- **DNA RESULTS – Shared Matches, Linked/Unlinked Trees**
  - The more samples in the test database, the more potential matches but info on living people is “private”
  - Clustering matches – [The Leeds Method](#), etc.
- [The Shared cM Project](#)
- [GEDmatch](#)
- **Facebook Groups/Projects**
- **Online Searches: Google, Facebook Friends, Newspapers**

**Review your DNA results for matches/potential connections:** Review family trees (if there are any). Don’t just review “connected trees”. Many users test DNA and have public trees but don’t link their DNA to those trees. Identify shared matches - **The Leeds Method** is a way of clustering matches developed by Dana Leeds that uses a spreadsheet to sort DNA matches into color groups based on shared ancestors. It often creates four groups of DNA matches based on four grandparent lines. (<https://www.danaleeds.com/the-leeds-method/>). Ancestry now breakdowns DNA results under your individual parents’ family lines. They’re useful but not always correct.

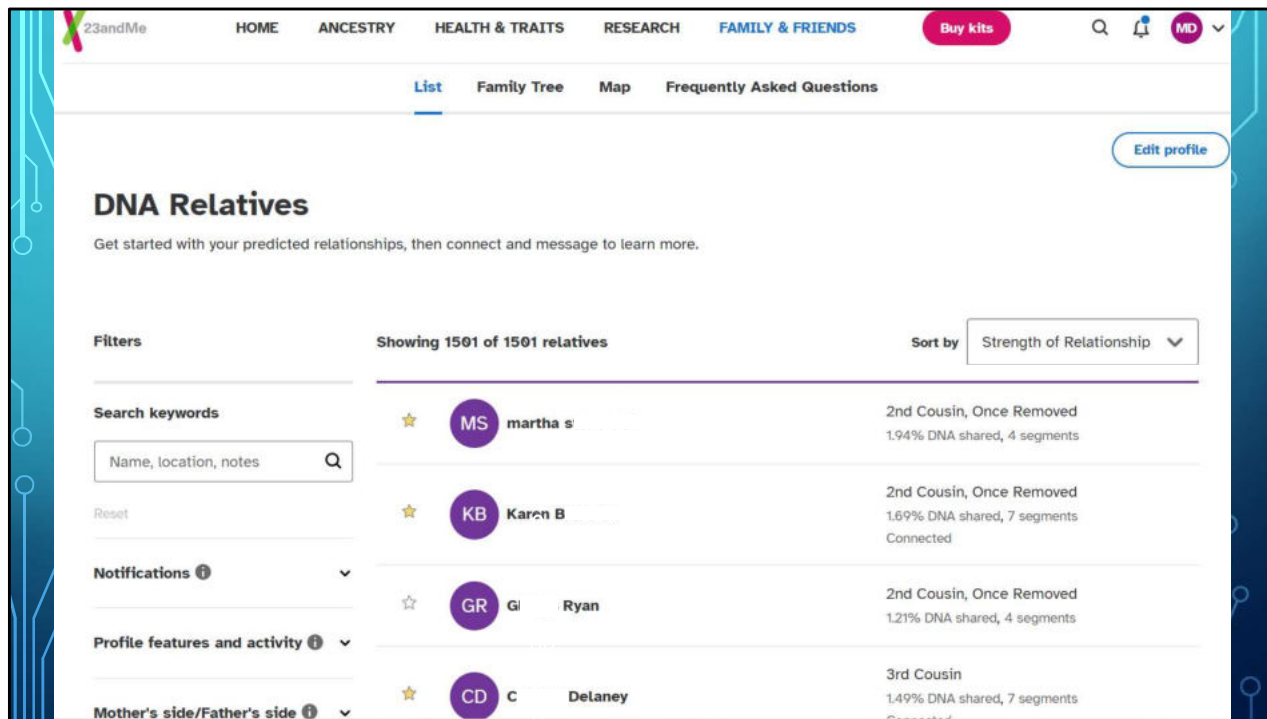
**The Shared cM Project: Ethnicity/Ancestry** (available at <https://dnainter.com/tools/sharedcmv4>) is one of the most commonly used tools for estimating relationships between people with shared DNA. It was last updated in March 2020.

- This tool is very helpful when trying to determine potential relationships with DNA matches.

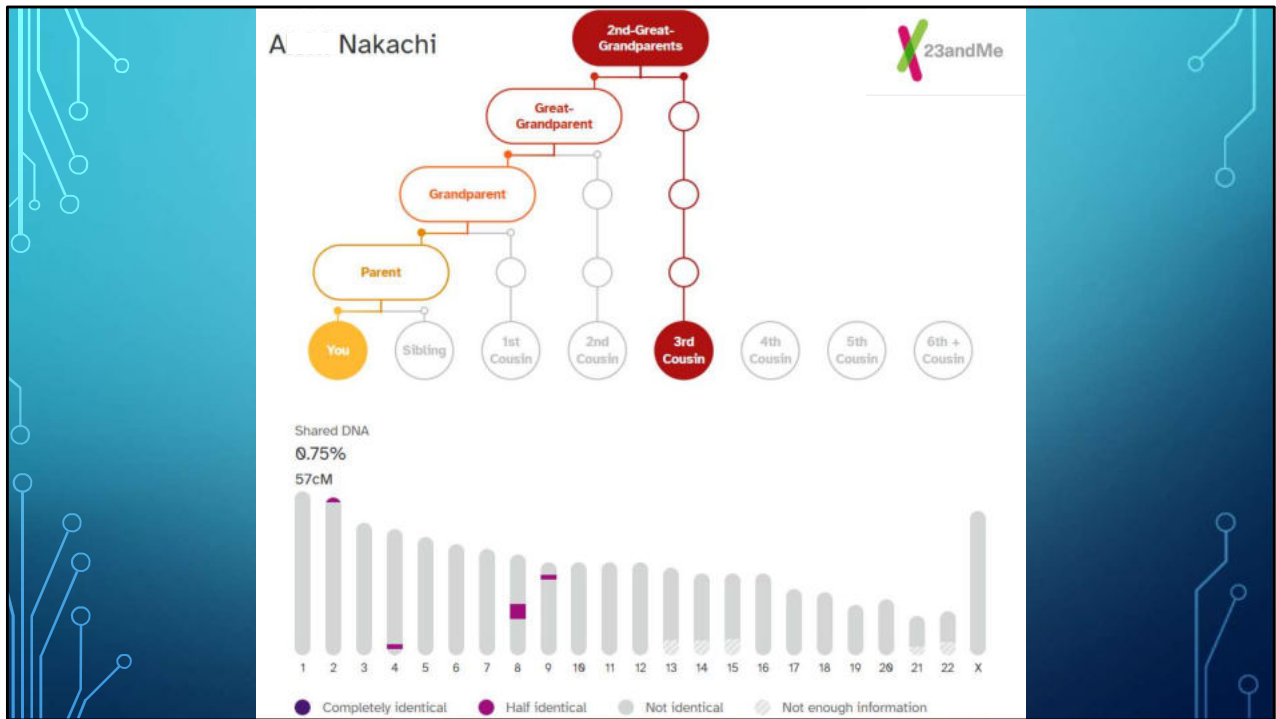
**GEDmatch** [GEDmatch](https://app.gedmatch.com/login1.php) (<https://app.gedmatch.com/login1.php>) is NOT a DNA testing company – it is a website with valuable tools where people who have tested compare DNA results and find matches with others who’ve testing using different companies – it basically expands the database of possible matches beyond a single testing company. It also breaks down and displays shared segments using a chromosome browser, provides triangulation and many other tools.

**Facebook Groups/Projects:** There are many Facebook groups available to aid in your research. Examples include groups/projects for those researching ancestors or descendants from/in geographical areas, surnames, DNA-related research, adopted members, etc.

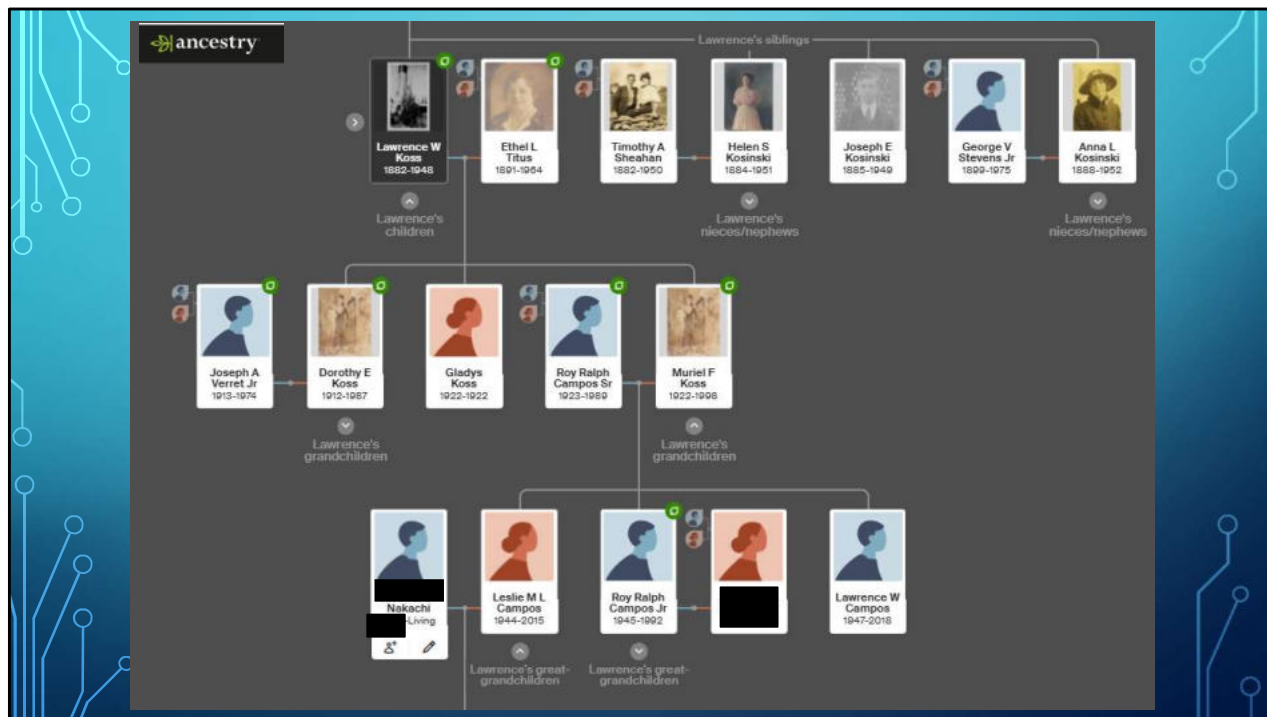
**Online Searches:** Google is your friend (or Bing or whatever your favorite search engine might be) – online obituaries and newspapers can provide you with information on not only deceased relatives but also living relations. Using the information provided in a Google search (such as an obituary that lists deceased person’s children, their spouses, grandchildren), I have many times search for Facebook accounts and been able to find and/or verify connections. (Of course, my personal recommendation would be that you set your own Facebook accounts with more secure privacy settings so others can’t necessarily find your family members this way).



Martha S. – (Paternal great-grandmother) Quinn Family line – actual relationship: 2<sup>nd</sup> Cousin, Once Removed  
 Karen B. – (Paternal great-grandparents Steele/Twohig line) – actual relationship: 2<sup>nd</sup> Cousin, Once Removed  
 G. Ryan -- ??  
 Charles Delaney -- ?? – but my Maternal great-grandmother was a Delaney



Farther down my matches I found this match – A. Nakachi – estimated relationship of 3<sup>rd</sup> cousin. Why this got me excited...



My family's had no contact with one of the branches of my mother's Kosinski line since sometime in the mid- to late-1990s – Lawrence Kosinski had changed his last name to “Koss” soon after reaching adulthood. He'd moved his family to Hawaii during the 1930s – they'd make annual or sometimes biannual visits to relatives in the Mainland for many years. My mother knew that her first cousin, Muriel Koss-Campos had a daughter that married a “Nakachi”. Based on my initial research, I believe it's likely that Alohi is probably a great-grandchild of Muriel – making him/her most likely relationship to me to be a 2<sup>nd</sup> cousin, 2x removed.

Using my 23andMe test results (57 cM shared DNA on 4 segments) along with a tool I mentioned previously (DNA Painters's “The Shared cM Project”) by comparing both the estimated relationship from 23andMe (3<sup>rd</sup> cousin) and the most likely relationship based on my Family Tree's confirmed relationships (2<sup>nd</sup> cousin, 2x removed), do my DNA results make sense?

## The Shared cM Project Great Tool for Estimating Relationships Between DNA Matches

The Shared cM Project – Version 4.0 (March 2020)

### The Relationship Chart

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

Blaine T. Bettinger  
www.TheGeneticGenealogist.com  
CC 4.0 Attribution License

How to read this chart:

- Relationship
- Average
- Range (min-max)

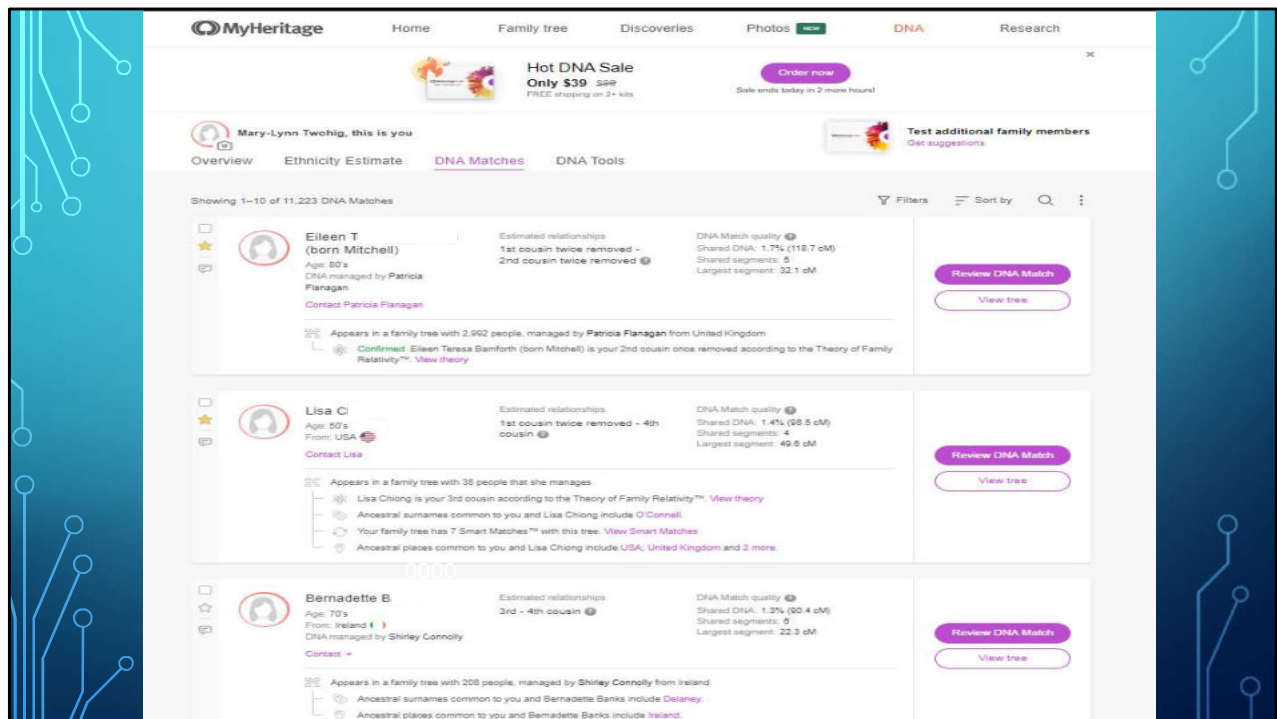
Half-GG-Aunt/Uncle 208 103 – 284	Great-Grandparent 487 483 – 1486								Great-Great-Grandparent 439 186 – 713	GGG-Aunt/Uncle 117 25 – 238	GGGG-Aunt/Uncle 51 0 – 154	Other Relationships
Half 1CaR 125 16 – 269	Half Great-Aunt/Uncle 433 184 – 668	Grandparent 1754 984 – 2462				Great-Aunt/Uncle 829 330 – 1467	1CaR 221 33 – 471	2CaR 71 0 – 244	3CaR 36 0 – 166	4CaR 28 0 – 126	5CaR 18 0 – 71	
Half 2CaR 66 0 – 190	Half 1CiR 224 62 – 469	Half Aunt/Uncle 871 492 – 1315	Parent 3485 2376 – 3720		Aunt/Uncle 1741 1201 – 2282	1CiR 433 102 – 986	2CiR 122 14 – 303	3CiR 48 0 – 192	4CiR 28 0 – 126	5CiR 15 0 – 56	6CiR 13 0 – 45	
Half 3e 48 0 – 168	Half 2e 120 10 – 325	Half 1C 449 156 – 979	Half-Sibling 1759 1160 – 2436	Sibling 2613 1613 – 3488	SELF	1C 866 396 – 1397	2e 229 41 – 594	3e 73 0 – 234	4e 35 0 – 139	5e 25 0 – 117	6CaR 13 0 – 45	
Half 3e1R 37 0 – 139	Half 2e1R 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 – 986	2e1R 122 14 – 303	3C1R 48 0 – 192	4C1R 28 0 – 126	5C1R 15 0 – 56	6C1R 13 0 – 45	
Half 3e2R 27 0 – 78	Half 2e2R 48 0 – 144	Half 1C2R 125 16 – 269	Half Great Niece/Nephew 431 184 – 668	Great Niece/Nephew 829 330 – 1467	Grandchild 1754 984 – 2462	1C2R 221 33 – 471	2e2R 71 0 – 244	3C2R 36 0 – 166	4C2R 22 0 – 93	5C2R 18 0 – 65	6C2R 12 0 – 42	
Half 3e3R 60 0 – 120	Half 2e3R 60 0 – 120	Half 1C3R 125 16 – 269	Half-GG Niece/Nephew 208 103 – 284	Great-Great Niece/Nephew 439 186 – 713	Great-Grandchild 887 485 – 1486	1C3R 117 25 – 238	2e3R 51 0 – 154	3C3R 27 0 – 98	4C3R 19 0 – 60	5C3R 13 0 – 30	6C3R 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

This Shared cM Project (available at <https://dnainter.com/tools/sharedcmv4>) is one of the most commonly used tools for estimating relationships between people with shared DNA. It was last updated in March 2020.

- Comparing the 23andMe DNA shared DNA results with the predicted relationships based on shared DNA on this chart, do my results make sense?
- The average shared DNA centimorgans (cM) among **3rd cousins** tested/compiled for this database is **73**. However, also based on this data, a 3rd cousin **could share as little DNA as 0 cM or as much as 234 cM**.
- The average shared DNA centimorgans (cM) among **2nd cousins, once removed** tested/compiled for this database is very similar - **71**. Again, based on this data, a 2nd cousin, 1x removed **could share as little DNA as 0 cM or as much as 244 cM**
- The shared DNA results from 23andMe – **57 cM** – definitely fall within the ranges of either relationship. And if Alohi ends up being my 2nd cousin, twice removed (Avg 51cM, range 0-154) that would also make sense. No surprises here.
- This tool is very helpful when trying to determine potential relationships with DNA matches.





Eileen T – I not only know this connection from my Quinn line – she hosted me, a couple of my siblings and 13 other “Quinn” cousins we’d never known about before at the Blackpool Golf Club in the UK.

Lisa C – mentions that she has “O’Connell’s” in her ancestry – so do I but that’s not how we’re related

Bernadette B – I’ve not seen this person/match on any of my other companies’ test results so I don’t know the connection (yet). But it does mention that a director ancestor of hers was a “Delaney”.

MyHeritage Home Family tree Discoveries Photos **DNA** Research

DNA Matches > < Previous match | Next match >

### Review DNA Match

**Mary-Lynn Twohig**  
This is you  
From: USA 🇺🇸  
Kit: AN-82C7Y5

**Bernadette B.**  
Age: 70's  
From: Ireland 🇮🇪  
DNA managed by [Shirley Connolly](#)

Appears in a family tree with 206 people, managed by [Shirley Connolly](#) from Ireland [view tree](#)

[Contact](#)

**Estimated relationships**  
**3rd - 4th cousin**

**DNA Match quality**  
**1.3% (90.4 cM)** **6** **22.3 cM**  
Shared DNA Shared segments Largest segment

**Shared Ancestral Surnames**  
Shared ancestral surnames can point to common ancestors. Bernadette Banks and you share one ancestral surname.

**Delaney**

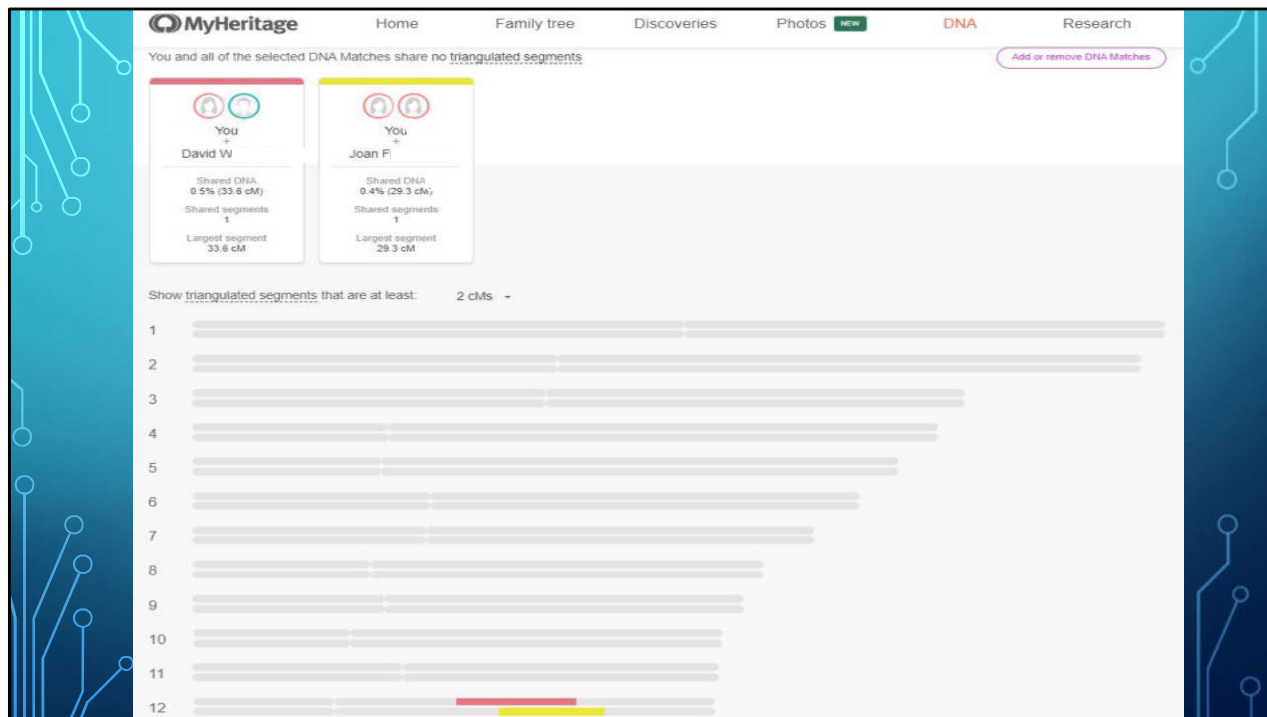
**Mary Ann Sheahan (born Delaney)**  
Your great-grandmother

**Martin Delaney**  
Your great-great-grandfather

**Delaney**

**Bridget Delaney**  
Bernadette Banks's mother

Clicking to “Review the Match” from Bernadette’s line I see that she’s from Ireland, in her 70s and her mother was a Bridget Delaney. A maternal great-grandmother of mine was a Mary Ann Delaney so that’s where I’d probably start looking.



Just one example of chromosome browser from MyHeritage showing segments of DNA that two of my matches share with each other.

Quick Access

+ Add Quick Links

Family Ancestry

Family Finder Transfer Unlock

Autosomal DNA Results & Tools

See the percentage breakdown of your origins as well as your ancient origins, and connect with your autosomal DNA relatives on all of your ancestral lines within the last 5 generations.

Results Completed: May 11, 2015

Helpful Information



Family Finder Matches

UPDATED



myOrigins®



Chromosome Browser



Chromosome Painter



See More

Maternal Line Ancestry

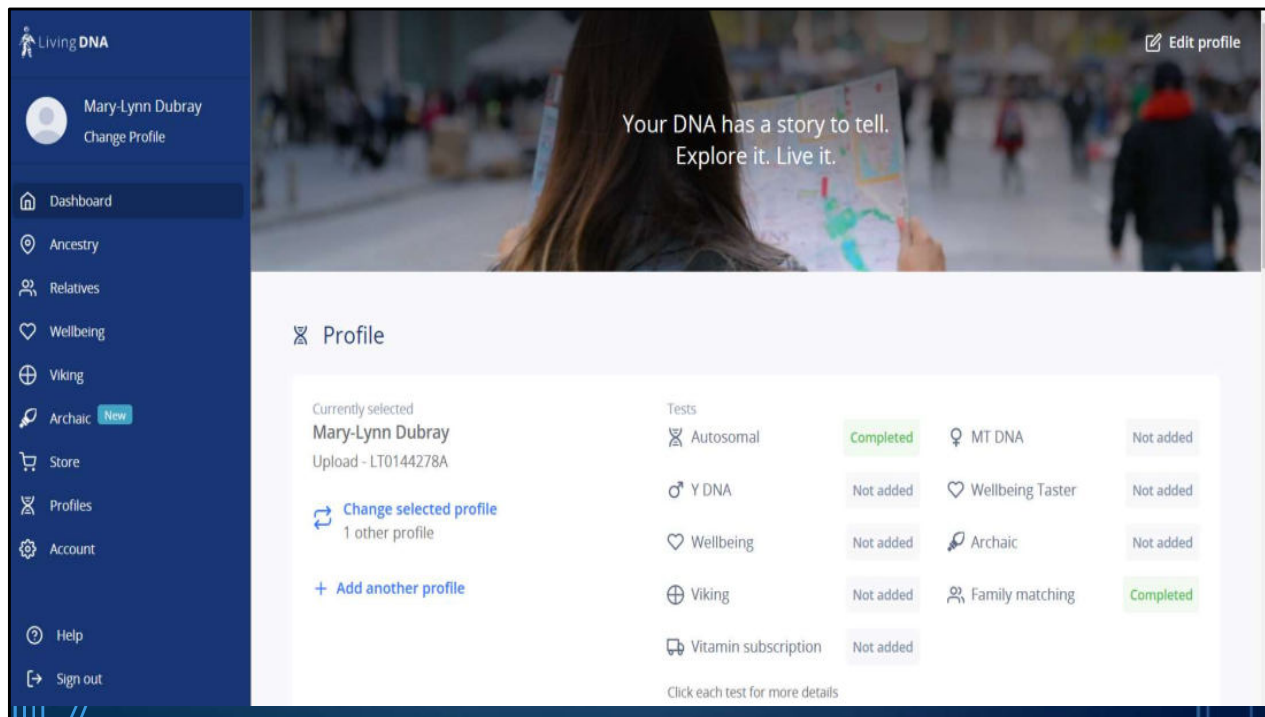
Plus Full

mtDNA Results & Tools

Follow the migration paths of your maternal line's ancestors, and connect with your mtDNA matches.



Detailed Segment Data tab provides the actual segment start/stop locations for each match by chromosome.



I **DID NOT** test with Living DNA – however I **DID UPLOAD** my raw data in effort to find some “DNA relatives” – especially those with UK and Irish roots.

**Living DNA** is considered by many to be the best ancestry test for people with **roots in the British Isles (Irish)**. Both YDNA and mtDNA are tested and you can get those results for an additional fee (Only males have YDNA).




Mary-Lynn's DNA relatives

Search by initials or display name




Living DNA

Per page 10 Sort by Relationship degree










Mary-Lynn's immediate family

 <b>STL</b> Very active  DNA Manager 	<b>Sibling</b> 38.15% DNA shared (2766.55cM)	108 shared matches <a href="#">&gt;</a>
---	---	---






















Mary-Lynn's 6th degree matches

 <b>ETB</b> Very active  DNA Manager 	<b>2nd - 3rd cousin</b> 2.13% DNA shared (154.56cM)	9 shared matches <a href="#">&gt;</a>
---	--	---------------------------------------

Mary-Lynn's 8th degree matches

 <b>Molly H</b> Very active  DNA Owner 	<b>3rd - 5th cousin</b> 0.61% DNA shared (43.90cM)	7 shared matches <a href="#">&gt;</a>
 <b>stephen</b> Active  DNA Manager 	<b>3rd - 5th cousin</b> 0.57% DNA shared (41.20cM)	21 shared matches <a href="#">&gt;</a>
 <b>David W</b> Less active  DNA Owner 	<b>3rd - 5th cousin</b> 0.56% DNA shared (40.32cM)	4 shared matches <a href="#">&gt;</a>

STL is one of my siblings. You've seen other test result examples of mine that included ETB and David W. I've seen Stephen in some of my other test matches but Molly H was a new find.

Relatives Mary-Lynn and ETB have in common			Living DNA
 Molly H Very active  DNA Owner 	3rd - 5th cousin 0.61% DNA shared (43.90cM)	7 shared matches	<a href="#">&gt;</a>
 Simon W Very active  DNA Owner 	4th cousin or greater 0.39% DNA shared (28.29cM)	5 shared matches	<a href="#">&gt;</a>
 Dennis McH Very active  DNA Owner 	3rd - 5th cousin 0.55% DNA shared (39.84cM)	9 shared matches	<a href="#">&gt;</a>
 Kevin McH Very active  DNA Manager 	3rd - 5th cousin 0.46% DNA shared (33.33cM)	3 shared matches	<a href="#">&gt;</a>
 Andrew F Active  DNA Owner 	4th cousin or greater 0.29% DNA shared (21.20cM)	6 shared matches	<a href="#">&gt;</a>
 Andrew F Active  DNA Owner 	4th cousin or greater 0.29% DNA shared (21.20cM)	6 shared matches	<a href="#">&gt;</a>
 Tricia M Very active  DNA Owner 	4th cousin or greater 0.20% DNA shared (14.40cM)	4 shared matches	<a href="#">&gt;</a>

Relatives that ETB and I have in common -- **This gives some valuable leads to find connections.** As I mentioned, I recognized Molly's surname and was able to make the connection with ETB and myself on my Quinn family line.



GEDmatch

Home Upload DNA Free Tools GEDmatch Forums Tier 1 tools Family Trees Genealogy Comparisons / Searches

MARY-LYNN DUBRAY

Start your incredible DNA journey from here!

- New user? Watch "How To Use GEDmatch"
- GEDmatch and Law Enforcement Matching

**GEDmatch Will Be At RootsTech!**

Message of the Day  
 GEDmatch will be at RootsTech for the first time! Our booth # is 737 and we hope to see you there! Early bird pricing for RootsTech ends on the 17th... don't miss out!  
<http://www.familysearch.org/rootstech/>

**Profile** VIEW/EDIT

User Profile: 142344  
 Name: Mary-Lynn Dubray  
 Email: Mtd756@hotmail.com  
 Tier 1 Member  
 Tier 1 Sustainer  
 DNA Kits in Account: 16 of unlimited  
 The number of online users is 261

**LEGEND**  
 (Status indicators shown to the right of each kit below)

- ✓ Kit has completed all processing and has good status
- ✎ Click on pencil if you wish to EDIT or DELETE kit profile
- 2 Likely duplicate - may need to be deleted
- R Research Kit
- ? Unknown Status

Click on kit number to go directly to one-to-many results

**Information**

- User Lookup - find information on your matches
- How to use GEDmatch
- GEDmatch Terms of Service
- GEDmatch info about you
- GEDmatch Education
- Support Request

**Upload Your DNA**  
 Generic Uploads (23andme, FTDNA, AncestryDNA, most others)

**Free Tools**

GEDmatch Tools – Profile page

One-to-many DNA comparison for kit:



a917539

Filter By:  Autosomal  X

With this offset:  With this limit:  cM size:  Tag Groups:  None  All  One

Overlap Cutoff:

[SEARCH](#) [Tips](#) [Select all](#) [SELECT ALL WITH GEDCOMS](#)

matches 1:500 for \*MTD, Mtd756@hotmail.com

Kit	Name (* => alias)	Email	GED WikiTree	Age(days)	Type	Sex	Haplogroup		Autosomal			X-DNA		Source
							Mt	Y	Total cM	Largest	Gen	Total cM	Largest	
M378522	Dean I			2151	2	M	H5a1	R1D102a1a1	30.7	30.7 Q	4.43	0	0	Migration - V3 - M
GY6083949	Cary			1264	2	M			30.5	30.5 Q	4.44	0	0	Ancestry
SM7064183	*zwh			1873	2	F			30.1	12.9 Q	4.45	0	0	23andMe
A519220	*Julie			1865	2	F			30.1	22.1 Q	4.45	0	0	Migration - F2 - A
A800189	Gary		<a href="#">Wiki</a>	2645	2	M			33	9.9 Q	4.45	0	0	Migration - F2 - A
M196064	Moya			2806	2	F			28.9	16.1 Q	4.48	0	0	Migration - V4 - M
HP9073746	*Edward			653	2	M			28.7	20.9 Q	4.48	0	0	MyHeritage

## GEDmatch 3D Chromosome Browser

These results are based on the 7.0 cM threshold that you specified on the preceding page. Because of that, these results may be somewhat different than those obtained in the one-to-one and one-to-many utilities, which use the site default values. Default values vary depending on the testing company that provided the kit.

++++

Your results have been generated. Click [HERE](#) to display Chromosome Browser

**cM color coding** < 3 cM 3 - 5 cM 5 - 10 cM 10 - 20 cM 20 - 50 cM 50 - 100 cM Over 100 cM

### Segments in common:

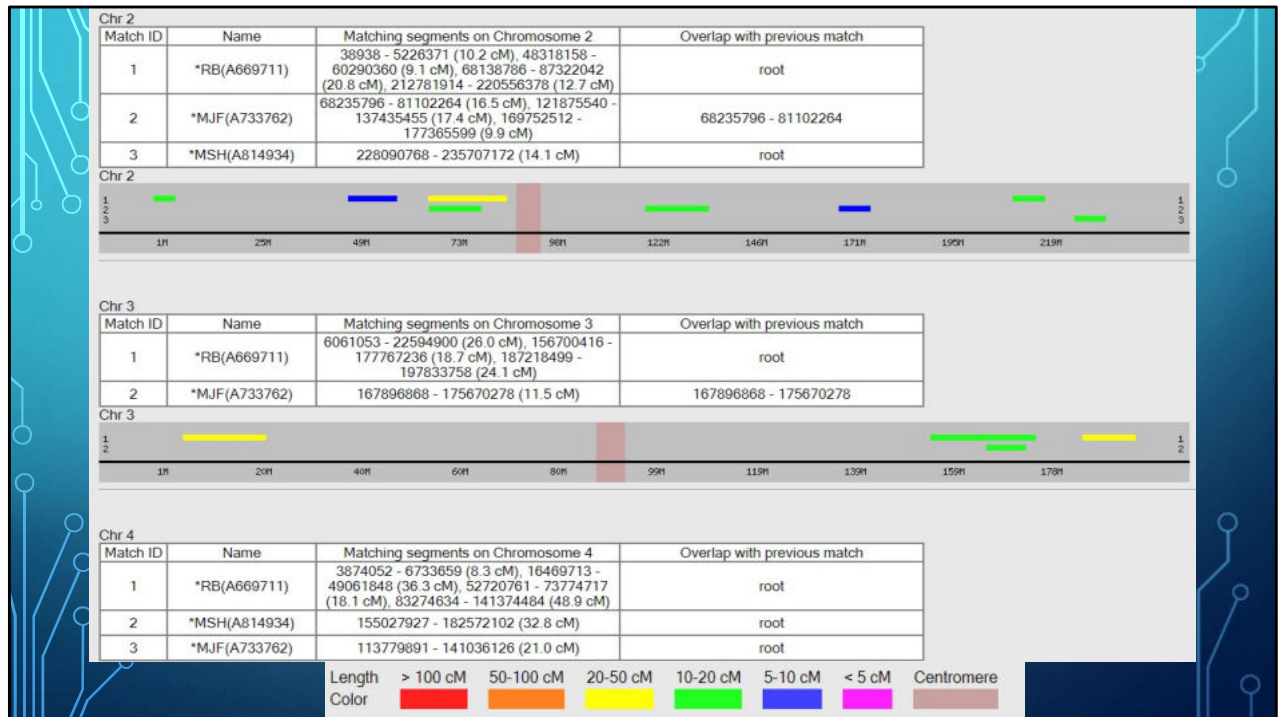
Kit	Name	A917539	A814934	A669711	Tot. Segments	Largest cM
A917539	*MTD	-	25	52	77	65.2
A814934	*MSH	25	-	28	53	59.5
A669711	*RB	52	28	-	80	65.2

### Total Shared cM (Chr 1-22):

Kit	Name	A917539	A814934	A669711
A917539	*MTD	-	465.6	1060.5
A814934	*MSH	465.6	-	557.8
A669711	*RB	1060.5	557.8	-

### Total Shared cM (X-Chr):

Kit	Name	A917539	A814934	A669711
A917539	*MTD	-	44.7	None
A814934	*MSH	44.7	-	None



**LivingDNA®  
Finding Relatives**

REACH OUT TO  
OTHERS TO  
FIND/CONFIRM  
CONNECTIONS

Mary-Lynn and Molly Hayton's DNA story

Molly H  
United Kingdom

3rd - 5th cousin  
0.61% DNA shared (43.90 cM)

5 shared matches  
[Click here to view >](#)

Motherline haplogroup X2  
Motherline subclade

Conversation	Relationship	Notes	Shared map	Shared link
<p style="font-size: 0.8em;">Hi Molly - I was reviewing my DNA matches today and found that you and I share approximately 43.9 cM and LivingDNA estimates us to be in the 3rd-to-5th cousin range. Your last name really jumped out at me as I've previously identified a 1st cousin 2x removed (Mary Ann Burgess) who married a George Allan Hayton in Fylde, England in 1913. Mary Ann's mother, Sarah Ann "Sarann" Quinn, was my great-grandmother's (Martha Mary Quinn) older sister. I'd love to share information to find the connection, whether it's through them or someone else. I live in the U.S. but was lucky enough to make a trip overseas about 4 years ago and met a number of relatives on the Quinn line. Please contact me via my regular email address (mtd756@att.net), if you'd prefer. Thanks and hope you're having a wonderful weekend. - Mary-Lynn DuBray</p>				

**LivingDNA**

Molly H @hotmail.co.uk

2:52 PM

To: mtd756

Hi Mary-Lynn,

It was lovely to hear from you on LivingDNA! Mary Ann Burgess was my great-grandma and my dad loved her very much and always spoke of her fondly. My name itself is partly in honour of her (and my dad's aunt - she was born Georgiana Mary but everyone called her Molly) as Molly is an old Irish nickname for Mary.

Fortunately, no one in my family ever knew much about Mary Ann's family or her backstory as she didn't talk much about it. She told my dad she was born out of wedlock and all she knew was that her father was an Irish man. She went on to have seven children with my great-grandfather and my grandpa Vincent was born in 1920.

I was born in Bolton in England which isn't too far from Fylde where my great-grandparents were married. Mary Ann lived there for the rest of her life and my dad went to stay with her a lot. My dad joined the army in the 1970s when he was only 15 and went to fight in Ireland during the conflict Britain had with them. He always said she wasn't happy about that as she considered herself an Irish woman first and foremost!

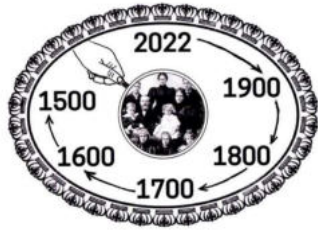
It's nice to hear that you were in touch with the Quinn side of the family as I know so little about them! Did you ever get to meet your great-grandmother? I would love to hear more about the other relatives that you met! Whereabouts are you from in America? Did your great-grandmother emigrate there?

Best wishes,  
Molly

Upon finding DNA matches, testing companies have messaging systems you can use to contact your potential relatives, attempt to determine actual relationships and possibly share information. The top portion of this slide shows a recent message I sent to one of my matches in the **LivingDNA** test database. Since I recognized her surname from other connections previously made in the UK, I gave her specific info of a potential line of my family tree where I thought we might be related. The bottom portion of the slide shows her response to me.

**Yes!** We've now confirmed a 3<sup>rd</sup> cousin, 1x removed relationship between us. I've also been able to put her in touch with other members of our common Quinn family living in the UK.

**Okay – let's look at your DNA stuff...**



# LET'S LOOK AT YOUR DNA RESULTS