

TOOLS TO ORGANIZE YOUR DNA

GEDMATCH BY MARTY FLANAGAN



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](#)

[DNA File Diagnostic Utility](#)

Analyze DNA file upload for potential problems.

[Are your parents related?](#)

[3-D Chromosome Browser](#)

[Archaic DNA Matches](#)

[Ancestor Projects](#)



Family Trees (also known as GEDCOMs)

[Upload GEDCOM \(Fast\)](#)

[Upload GEDCOM \(Alternate\)](#)

Use this version if Fast does not work.



Genealogy Comparisons / Searches

[1 GEDCOM to all](#)

[2 GEDCOMs Comparison](#)

[Search GEDCOMs](#)

[GEDCOM + DNA matches](#)

[Find GEDCOMs by Kit](#)

THE FREE TOOLS ON THIS SITE YOU WILL USE TO UNDERSTAND YOUR MATCHES AND HOW THEY ARE RELATED TO YOU.

**GEDCOM = FAMILY TREES
GEDCOM = DNA (USUALLY THEY ARE ZIPPED)**

Tier 1 Tools

- One-To-Many - Full Version
- One-To-Many - Classic Version
- Q-Matching One-To-One
- Segment Search
- Phasing
- Triangulation
- AutoSegment **NEW**
- AutoKinship **NEW**
- Multiple Kit Analysis (MKA)
- Lazarus
- My Evil Twin
- Combine multiple kits into 1 superkit
- Clusters With AutoTree, Closest to Single Kit Version **NEW**
- Find common ancestors (MRCA) from DNA matches **NEW**
- Find surname matches from DNA matches **NEW**



TIER ONE TOOLS ARE PAY TO PLAY



Pay-As-You-Go Tier 1 Access

Get access to Tier 1 tools when you need them, for how long you need them. You will be charged a one-time fee for the number of months you choose.

Time Period
 1 Month \$15.00 USD

Join Tier 1

VISA DISCOVER BANK

Auto-Renewal Tier 1 Access

Get access to Tier 1 tools every month, and save \$ when paying for a year! You will be automatically charged monthly or yearly for these options.

Monthly Recurring - \$10 / month

Monthly Auto-Renewal

VISA DISCOVER BANK

Yearly Recurring - \$100 / year

Yearly Auto-Renewal

VISA DISCOVER BANK

DNA KITS IN ACCOUNT: 6 of your 5 free uploads

[Click here to upgrade to Tier 1 to unlock unlimited kits](#)

The number of online users is 159

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

Your DNA Resources

1	My leia	✓	🛡️ ✎
1	H M Laird	✓	🛡️ ✎



Upload Your DNA

Generic Uploads (23andme, FTDNA, AncestryDNA, most others)

Welcome New User

Using GEDmatch: I have uploaded my kit. Now what?

It will take up to two days for you to be able to use your kit to find matches with our total GEDmatch database using the "One-to-many comparison result"



If you have just uploaded your DNA kit you may want to look into your heritage as this is almost immediately available. Heritage is found using admixture tools. We have dozens different programs for looking at your heritage, each specializing in different aspects. I suggest you click on "Admixture Oracle with population search" and enter the nationality you think best describes you.

You will find this title in the "DNA Raw Data" box on your GEDmatch home page. When you get to the page with a pie chart, make sure you look at Oracle. That is where your more specific heritage is found. Try repeating your heritage search with other admixture calculators to get the best understanding of your heritage.

When your kit has processed (within two days from when it was uploaded) use the one-to-many comparison result to see your matches compared to our total database. Your matches will be listed from the closest to the most distant; how close is shown in the "Gen" (generation) column. A one (1) Gen is you or your parent. Two is a first cousin; a grandparent is the common ancestor. Three is a second cousin, a great grandparent is in common, etc.

<https://www.youtube.com/watch?v=id7JJ1NoTNk>

Start your incredible DNA journey from here!

-  [New user? Watch "How To Use GEDmatch"](#)
-  [GEDmatch and Law Enforcement Matching](#)



June/July Release Roundup Published

Message of the Day

The GEDmatch team has been busy the last couple of months. Check out what we've added, updated, and improved!

[Read the release notes >](#)



Request membership	Project name	Description	For more information
JOIN	# A Your Ancestors were Smith and Jones or Brown.....	Welcome to the A Your Ancestors were Smith and Jones or Brown.....DNA project we also offer the Matchfinder Tool to enable you to find new matches https://www.facebook.com/groups/446782479684203	Facebook Group

Select a Project:

- Member - County Antrim & County Down Ancestor
- Member - County Kerry Dna and Genealogy
- Member - Dunbartonshire, Scotland Ancestors
- Member - Early Nauvoo Settlers
- Member - Skaggs Descendants of North America

GEDmatch Kit Number:

Sort Options:

- Kit Number
- Name
- Email
- Segment Start
- Segment End
- cM
- Most Recent Common Ancestor
- Source
- Y-Haplo
- Mt-Haplo

[SUBMIT](#)

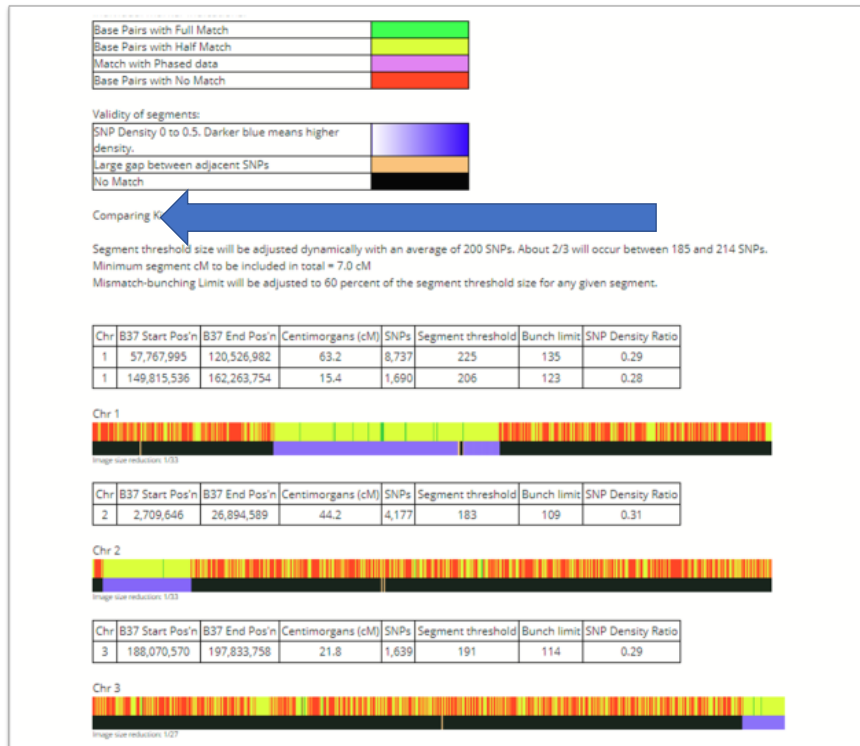
Showing 1 to 100 of 838 entries

RELATIONSHIP PREDICTOR

TYPE IN THE NUMBER OF CENTIMORGANS (Cm) SHARED AND REVIEW THE PROBABILITY AND POTENTIAL SUB-GROUP

Relationship Probabilities for 342 shared cM
Relationship prediction algorithm developed by Brit Nicholson. [Read the methodology here.](#)

Relationship Type	Probability	Sub-Group	Probability
2C Group	52.0%	2C, 1C2R, Half-1C1R	52.0%
1C1R Group	20.8%	1C1R	20.8%
Half-1C Group	20.3%	Half-1C, Half-G-Aunt/Uncle/Niece/Nephew	20.3%
2C1R Group	6.5%	2C1R, Half-2C, Half-1C2R, 1C3R	6.5%
3C Group	0.3%	3C, 2C2R, Half-2C1R, Half-1C3R	0.3%
G-Grandparent/G-Grandchild	0.1%	G-Grandparent/G-Grandchild	0.1%

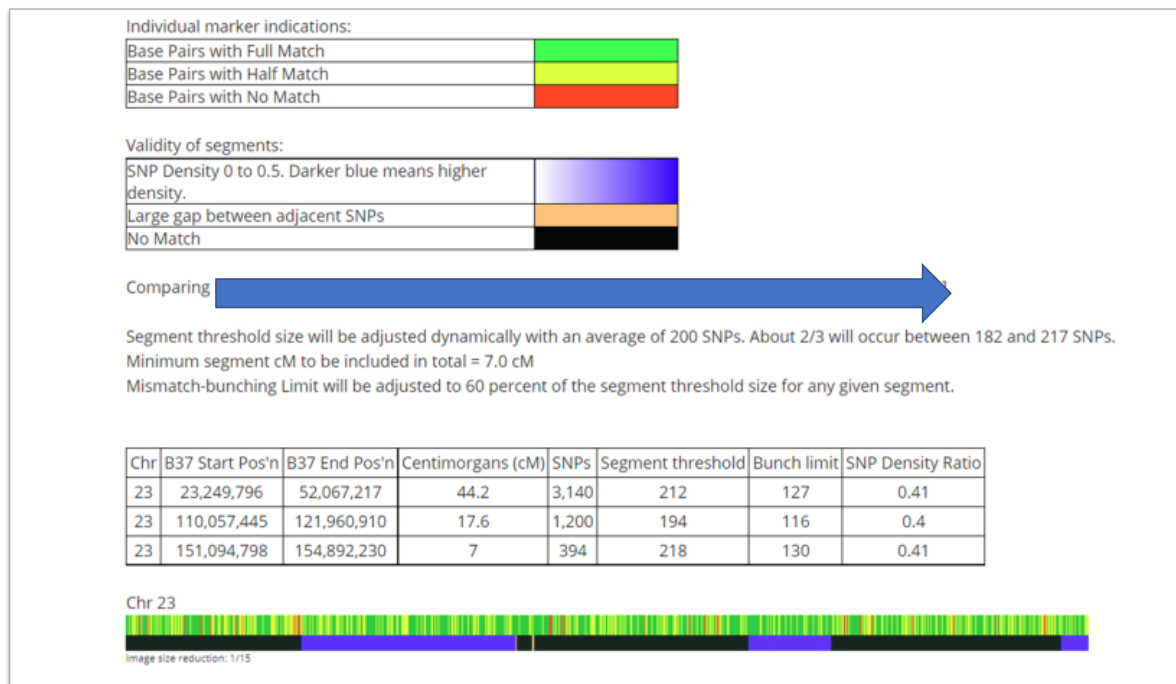


THIS TOOL, ONE TO ONE, IS COMPARING MY DNA WITH MY PATERNAL FIRST COUSIN.

USING THE COLOR CHART AT THE TOP I CAN ASSUME OUR SHARE AREA OF EACH CHROMOSOME AND THE LEVEL OF DENSITY.

EXAMPLE IS ONLY USING 1,2,AND 3 CHROMOSOME.

ONE TO ONE ON CHROMOSOME 23 (X = SEX) PATERNAL 1ST COUSIN



<https://web.archive.org/web/20200304063547/>

<http://www.y-str.org/p/ancient-dna.html>

<https://www.youtube.com/watch?v=DbGF7bdouE0>

RECOMMENDED BOOKS

**“THE FAMILY TREE GUIDE TO DNA TESTING AND GENETIC GENEALOGY”
BY BLAINE T. BETTINGER**