

Welcome To



DNA

G E D C O M

Robert Warthen
www.DNAGedcom.com

GENETIC GENEALOGY STANDARD NINE

ISOGG

...PRIVATIZE OR REDACT THE NAMES OF LIVING
GENETIC MATCHES FROM PRESENTATIONS UNLESS
THE GENETIC MATCHES HAVE GIVEN THEIR PRIOR
PERMISSION OR MADE THEIR RESULTS PUBLICLY
AVAILABLE

...DISCLOSE ANY PROFESSIONAL RELATIONSHIPS
THEY HAVE WITH A FOR PROFIT TESTING
COMPANY



Affiliate for 23andMe, Amazon, Ancestry, FTDNA,
Living DNA, My Heritage, Legacy Tree Genealogists

Who am I

- Just a guy who enjoys Genealogy and Computers
- Been working with DNA and Genealogy tools since 2011
- One of the Cofounders of DNAAdoption
- Adoptee and Brick Wall advocate
- Computer Programmer
- Long time IT server/network experience
- Worked at Nasdaq with Big Data before Big Data was a word
- I'm a Virginia Tech Hokie



Why I do this

- My wife is an adoptee
- Her mom asked me to help her find her birth family
- Part of a small innovate Yahoo Group where I saw the need to make getting data easy
- I believe your data is your data
- I believe that you don't need to share your data if you don't want to, but if you do, you should be able to do so

Researching

- You have LOTS of data
- How do you gather it into a useful format
- How do you quickly research this information
- How do you share what you want (and not what you don't want)



DNAGedcom

- Created to help more easily gather information
- Helps you break through Brick Walls
- Aggregator of Data
- Format your data to help you better understand it

Growth

- Double number of users each year
- Doubling the number of servers and doubling size of application server
- Server Costs have Grown Faster
- Support time and effort have grown even faster

❖ Primers

➤ DNAGEDCOM is not GEDMatch



Tools to work with your
Match's information



Tools to work with your
Raw DNA and Tree

➤ Match Information is not Raw DNA

DNAGEDCOM TO THE RESCUE

HOME OF THE POWER TOOLS

Gather
Information



Analyze
Information

Process Information

❖ Gather Match's Information

➤ Match Information

- Name
- Contact
- Tree
- More

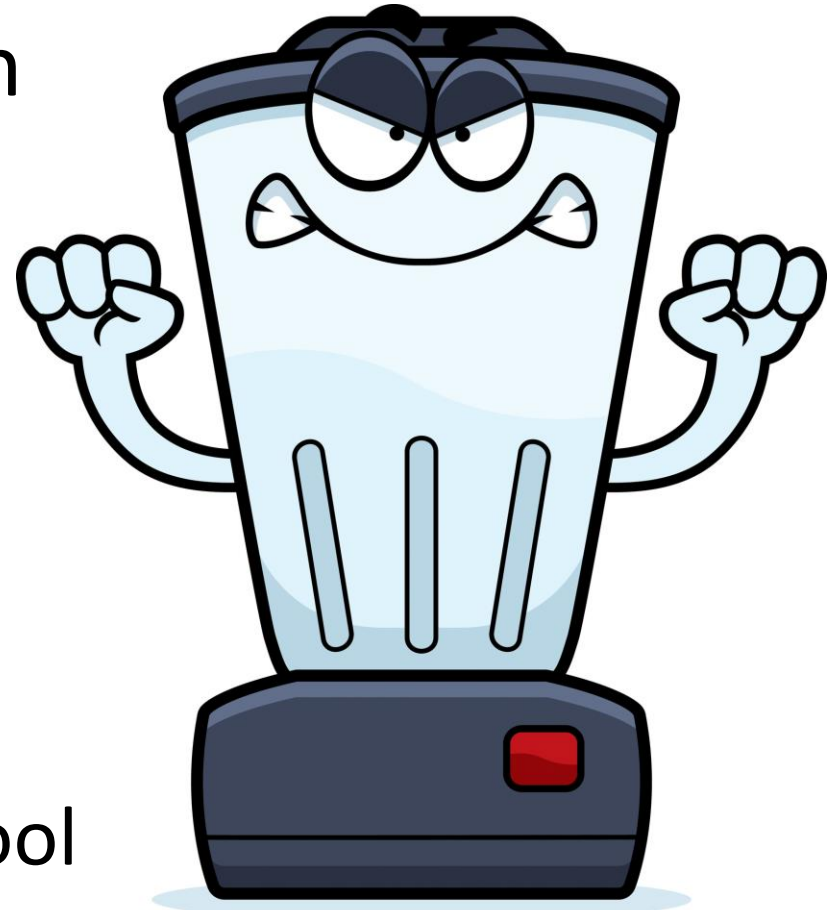
➤ DNA Information

- Shared Segments
- ICW or Shared Matches



❖ Process Match's Information

- Puts information in format for analysis
- Manual Steps
- DNA
 - Files for analysis
- Trees
 - Prepare Analysis Tool



Don't Forget to Blend!

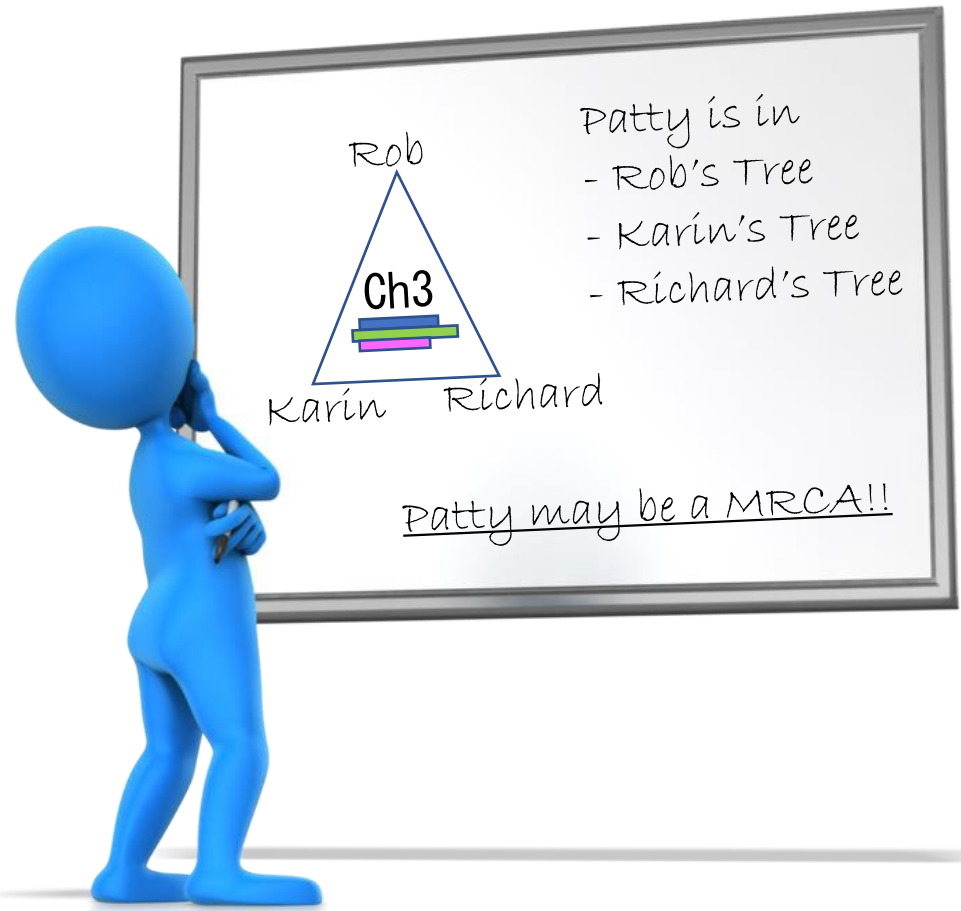
❖ Analyze Match's Information

➤ DNA

- Triangulation Groups
- ICW/Shared Matches

➤ Match's Trees

- Names
- Places
- Dates



❖ Tools

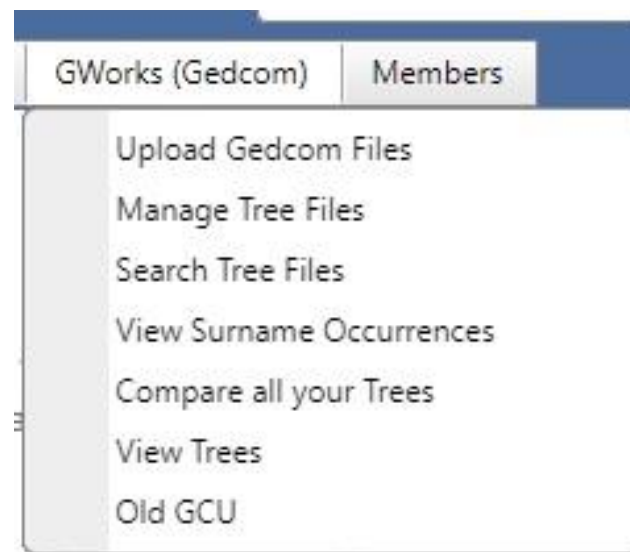
- DNAGEDCOM Client
- Match-O-Matic
- Ancestry Uploader
- Upload GedMatch
23andMe and FTDNA
- JWORKS
- KWORKS
- ADSA
- GWORKS



Different tools for different tasks

❖ Analyze Information

- KWORKS/JWORKS Files
- Match-O-Matic Files
- ADSA
- GWORKS



❖ Get Help

- How To Guides
- DNAGEDCOM Users FB Group

Classic ADSA ▼

	Chromosome to Graph (1-22, X, or blank=all)	Base Pairs: <input style="width: 100px;" type="text"/>	to	<input style="width: 100px;" type="text"/>
	Minimum Segment Length in cM (blanks=10)			
500	Minimum SNPs in a segment	Display raw data in a table so it can be copied to a spreadsheet <input type="checkbox"/>		
500	Width of segment graph in pixels	(Do not check if you want full formatting)		

A120223 Richard Paul Weiss ▼

[REQUIRED] Kit number of the data to be used to construct the report.

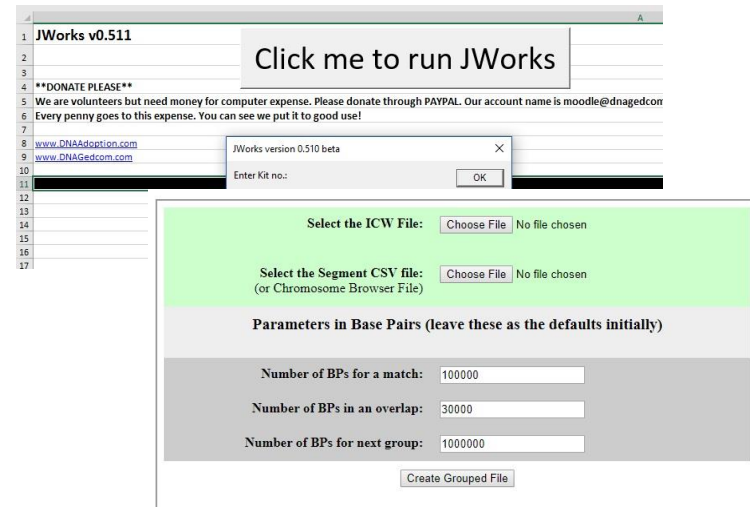
Please be patient after clicking on the GET REPORT button. It can take a minute or more to complete processing.

GET REPORT

❖ Analyze with KWORKS or JWORKS

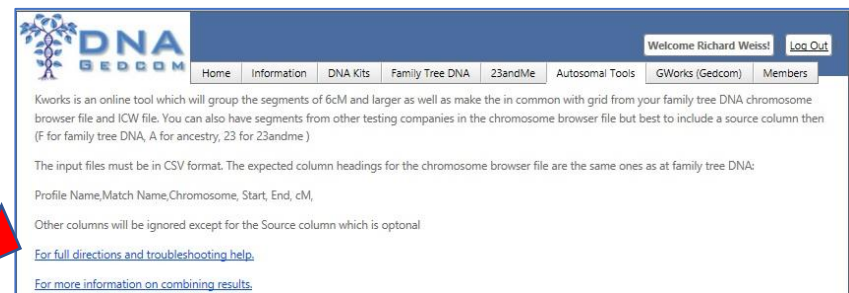
- DNA
 - Overlapping Segments Data
 - ICW Matrix
 - Match / Contact Info

- Identify Triangulation Groups



❖ Get Help

- Troubleshooting Guide
- DNAGEDCOM Users FB Group



❖ Analyze with KWORKS or JWORKS

Overlapping Segment Data

ICW Matrix

							Chris	Bill	Teri	Bob	Don	Jeff	Jim	Jan	Lee	Dane	Mike	Kim	Bea	Troy
5102																				
5103	Richard W	Chris	18	3034	76116152	119.39														
5104	Richard W	Bill	18	3034	21016465	36.4											X			
5105	Richard W	Teri	18	3034	13986751	33.37														
5106	Richard W	Bob	18	605394	6967044	16.93						X	X	X	X	X	X	X	X	
5107	Richard W	Don	18	605394	6967044	16.93														
5108	Richard W	Jeff	18	843850	5134697	11.83			X				X	X	X	X	X	X		
5109	Richard W	Jill	18	843850	4766396	11.19			X			X		X	X	X	X		X	
5110	Richard W	Jan	18	843850	4766396	11.19			X			X	X		X	X	X			
5111	Richard W	Lee	18	1205306	5134697	10.94			X			X	X	X		X	X	X		
5112	Richard W	Dane	18	1205306	4276351	9.22			X			X	X	X	X					
5113	Richard W	Mike	18	2193362	6662545	12.31			X			X	X	X	X					
5114	Richard W	Kim	18	2479431	7071724	13.28			X			X			X				X	
5115	Richard W	Bea	18	3899336	6967044	7.71			X				X					X		
5116	Richard W	Troy	18	4050983	7594556	8.98														

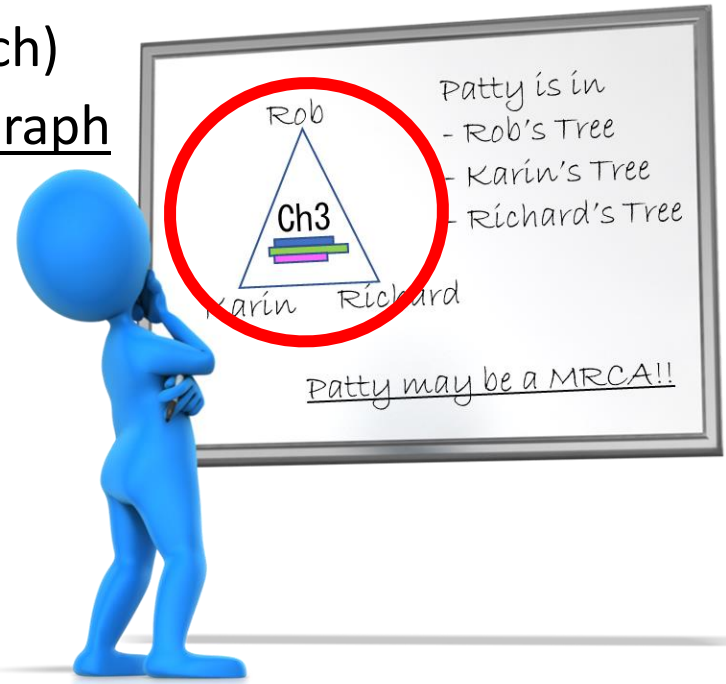
❖ Analyze with ADSA (Autosomal DNA Segment Analyzer)

- DNA (FTDNA, 23andMe, GEDMatch)
 - Overlapping Segment Data & Graph
 - ICW Matrix
 - Match / Contact Info

- Identify Triangulation Groups

❖ Get Help

- ADSA Manual
- DNAGEDCOM FB User Group



PLEASE READ THE [ADSA MANUAL](#) for step-by-step instructions for using the tool and a section on troubleshooting problems you may encounter. If you just want to get started without a lot of reading, you can follow the steps in the [Family Tree DNA Quick Start Guide](#) or the [GEDMATCH Quick Start Guide](#). There are also special instructions for people with [Ashkenazi ancestry](#). If you wish, you may still run the [older version of ADSA](#) (Version 1) from files. Please direct questions and comments to Don Worth at worth@ucla.edu.

❖ Analyze with ADSA

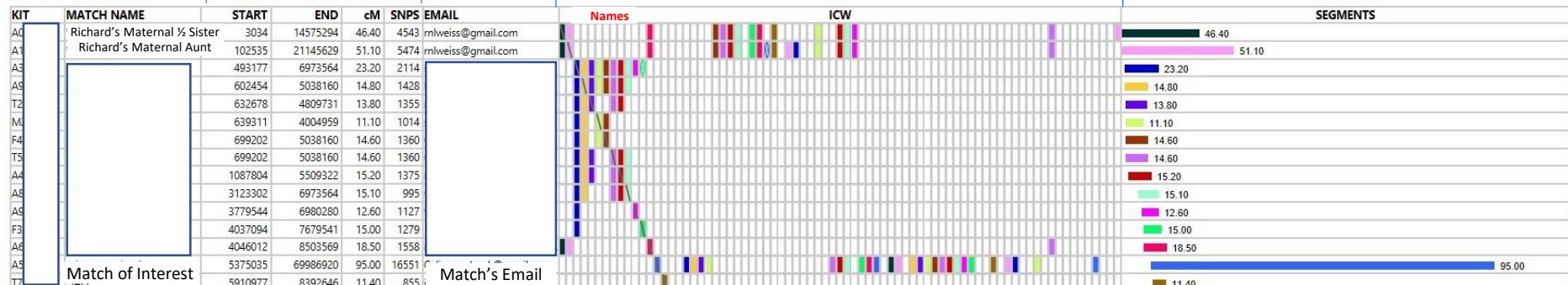
FTDNA, GEDMatch, & 23and Me

Overlapping
Segment
Data

ICW Matrix

Overlapping
Segment
Graph

CHROMOSOME 18
77 matching segments
Longest is 95.00 cM, Graph = 152 KB/pixel

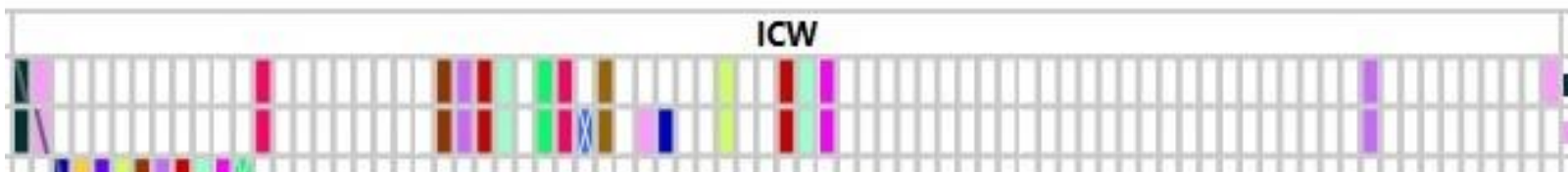


❖ Analyze with ADSA

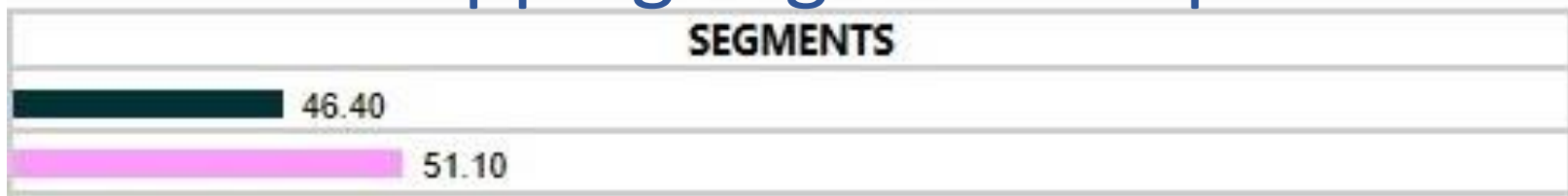
Overlapping Segment Data

KIT	MATCH NAME	START	END	cM	SNPS	EMAIL
A01234	*Richard's Sister	3034	14575294	46.40	4543	rnlweiss@gmail.com
A56789	*Richard's Aunt	102535	21145629	51.10	5474	rnlweiss@gmail.com

ICW Matrix

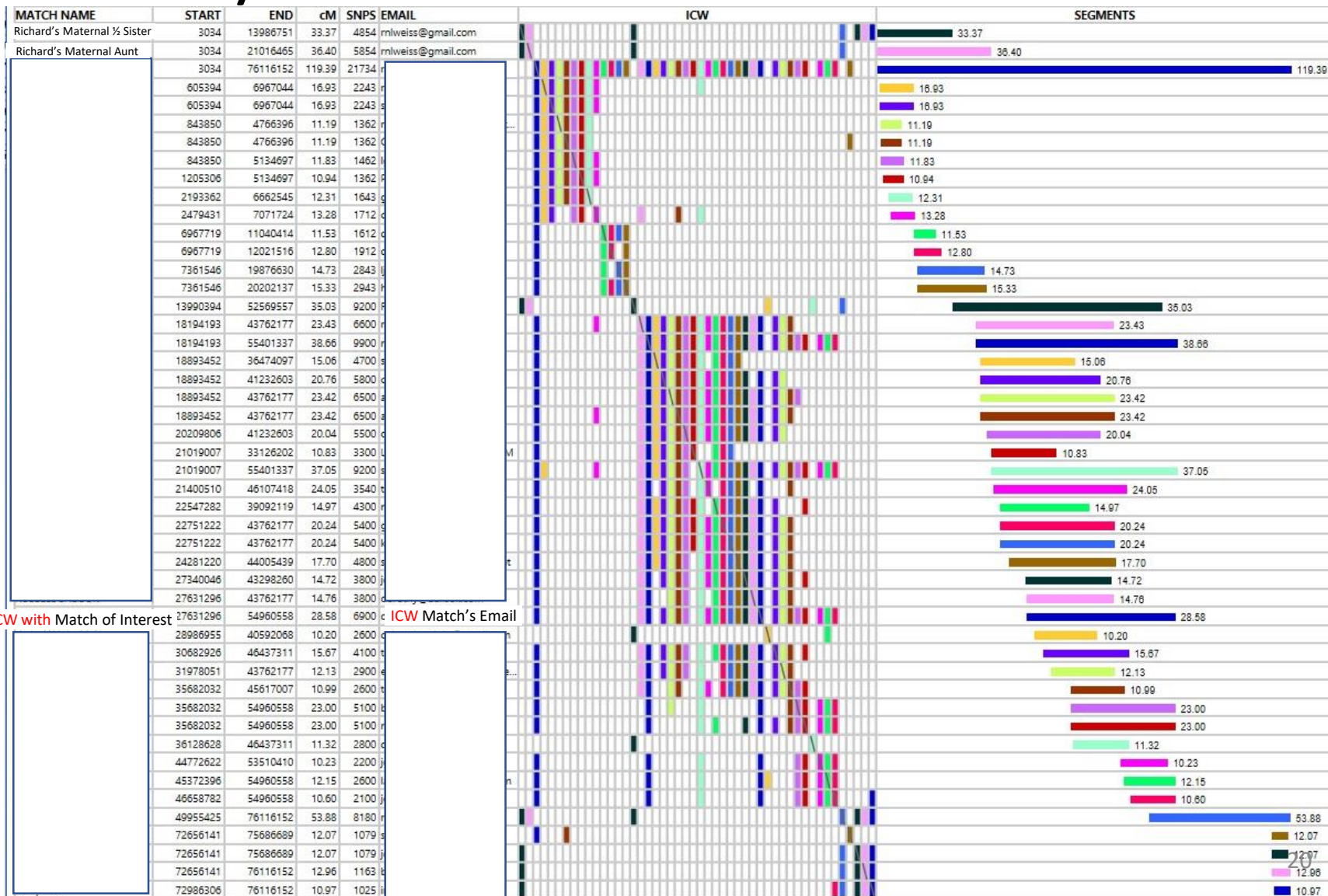


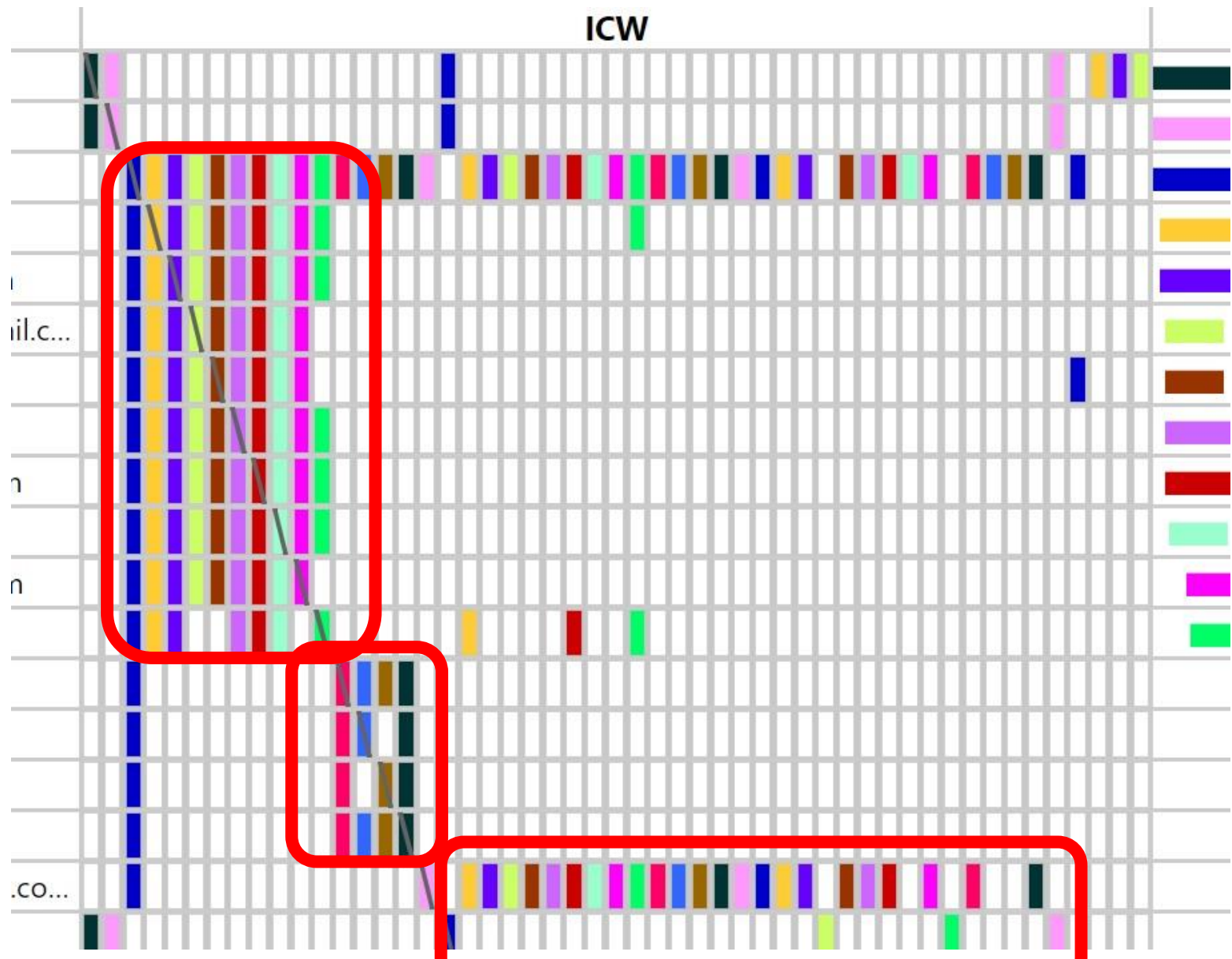
Overlapping Segment Graph



❖ Analyze with ADSA

FTDNA





❖ Analyze Information

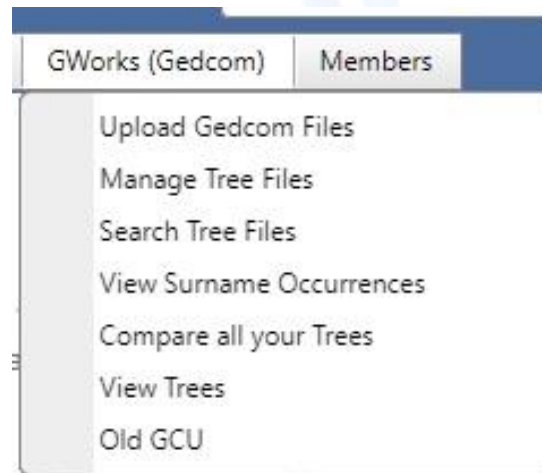
➤ GWORKS

- Analyze MATCH's Trees

➤ Ancestry Trees

➤ GEDCOMs

➤ FTDNA Trees



❖ Analyze with GWORKS

a.
659

Drag a column header and drop it here to group by that column

File Name	Surname	Given Name	Sex	Birth Date	Death Date	Birth Place	Death Place
	Schureman						
	SCHUREMAN	Henry	M	//	//		
	SCHUREMAN	Thomas	M	//	//		
	SCHUREMAN	Margarita	F	//	//		
	SCHUREMAN	Henry	M	//	//		
	SCHUREMAN	Thomas	M	//	//		
	SCHUREMAN	Margarita	F	//	//		
	SCHUREMAN	Henry	M	//	//		
	SCHUREMAN	Thomas	M	//	//		
	SCHUREMAN	Margarita	F	//	//		
	Schureman	Rachel	F	1/16/1816	5/8/1900		
	SCHUREMAN	Rachel Ann	U	16 Jan 1816	08 May 1900	Columbia County, New York, USA	Ogden, Weber Co., Utah
	SCHUREMAN	Rachel Ann	U	16 Jan 1816	08 May 1900	Columbia County, New York, USA	Ogden, Weber Co., Utah
	Schureman	Frederick	U	1704	8 Mar 1776	New York, United States	New York, USA
	Schureman	Frederick Harmenzen	U	1633	1715	New York, New York, New York, USA	New Rochelle, Westchester, New York, United States
	Schureman	Harmen	U	1580	6 Mar 1649	Of New Amsterdam, New York, United States	New Amsterdam, Harrison, Indiana, United States
	Schureman	Harmen	U	1604		New Rochelle, Westchester, New York, United States	
	Schureman	Jacob	U	1670	1726	New York, New York, New York, United States	New Rochelle, Westchester, New York, United States
	Schureman	Jacob	U	1739	1783	New Rochelle, Westchester, New York, United States	1653973, New Brunswick, Canada
	Schureman	Rachel Ann	U	16 Jan 1816	9 May 1900	Livingston, Sullivan, New York, USA	Ogden, Weber, Utah, USA
	Schureman	Frederick	U	1704	8 Mar 1776	New York, United States	New York, USA
	Schureman	Frederick Harmenzen	U	1633	1715	New York, New York, New York, USA	New Rochelle, Westchester, New York, United States

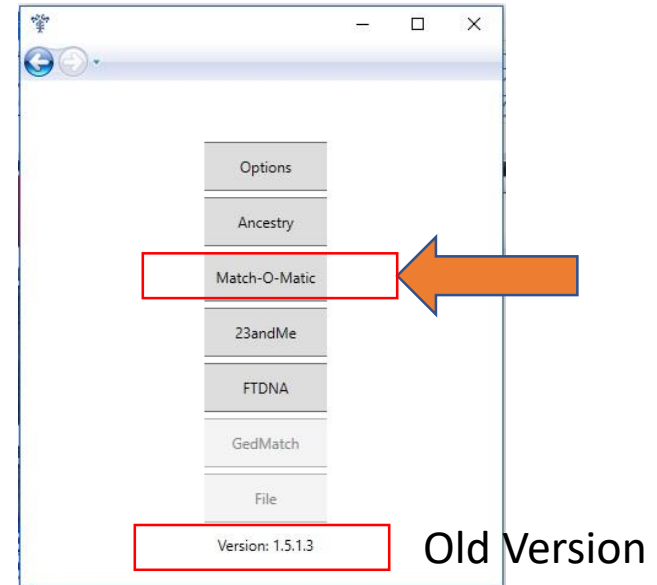
❖ Process Information



Don't Forget to Blend!

❖ Process Information

- Manually select files
- Match-O-Matic
- KWORKS
- JWORKS
- GWORKS (Gedcom)



❖ Get Help

- How To Guide
- DNAGEDCOM Users FB Group

Select the ICW File: No file chosen

Select the Segment CSV file:
(or Chromosome Browser File) No file chosen

Parameters in Base Pairs (leave these as the defaults initially)

Number of BPs for a match:

Number of BPs in an overlap:

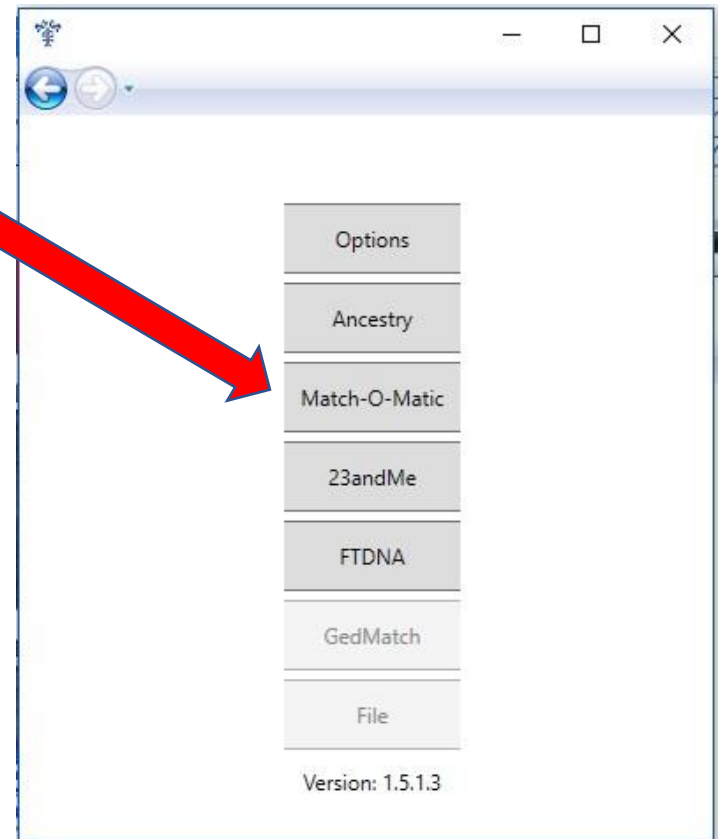
Number of BPs for next group:

❖ Process Match-O-Matic

- Part of DNAGedcom Client
- Windows and Mac

❖ Get Help

- How To Guide
- DNAGEDCOM Users FB Group

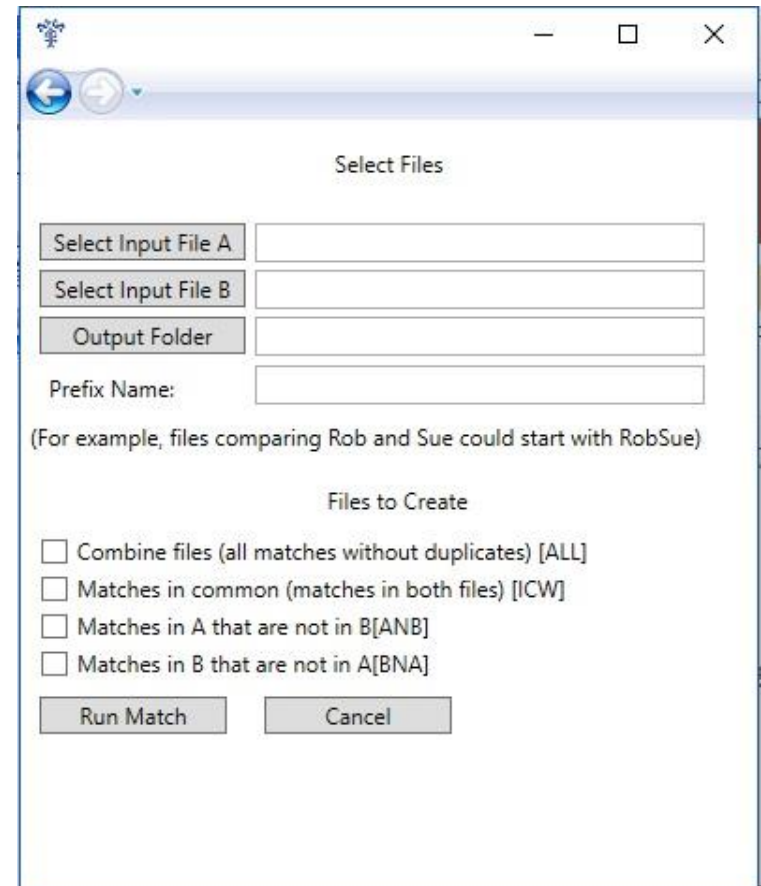


❖ Process Match-O-Matic

- Ancestry Match Files (m_file)
- Windows Version
 - No indication it is running
 - Won't Indicate it is finished
 - Watch Output Folder
- Mac version indicates run status and completion

❖ Get Help

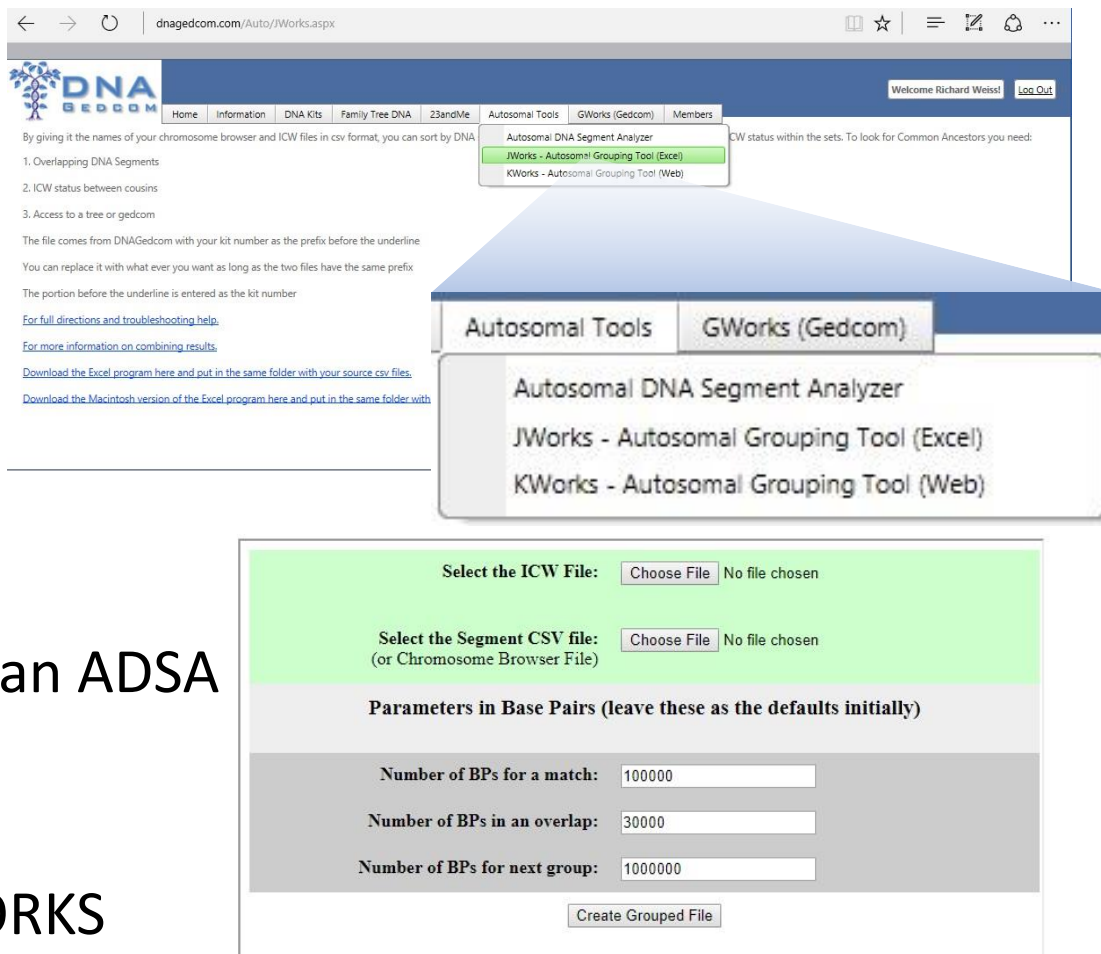
- How To Guide
- DNAGEDCOM Users FB Group



❖ KWORKS & JWORKS

- Identify Triangulation Groups
 - Overlapping Segment Data
 - No Overlapping Segment Graph
 - ICW Matrix

- Groups different than ADSA
- On-line vs Local
- Larger files => KWORKS



The screenshot shows the DNAGedcom website interface. The top navigation bar includes links for Home, Information, DNA Kits, Family Tree DNA, 23andMe, Autosomal Tools, GWorks (Gedcom), and Members. The Autosomal Tools dropdown menu is open, showing options: Autosomal DNA Segment Analyzer, JWorks - Autosomal Grouping Tool (Excel), and KWorks - Autosomal Grouping Tool (Web). Below this, a larger menu highlights the Autosomal DNA Segment Analyzer, JWorks - Autosomal Grouping Tool (Excel), and KWorks - Autosomal Grouping Tool (Web). The main content area shows instructions for using the tools, including a list of steps: 1. Overlapping DNA Segments, 2. ICW status between cousins, 3. Access to a tree or gedcom. It also provides links for full directions, combining results, and downloading the Excel program.

The bottom part of the screenshot shows the JWorks/KWorks interface. It has a green header with the text "Select the ICW File:" and a "Choose File" button. Below this is another section with the text "Select the Segment CSV file: (or Chromosome Browser File)" and a "Choose File" button. The main area is titled "Parameters in Base Pairs (leave these as the defaults initially)" and contains three input fields: "Number of BPs for a match:" (100000), "Number of BPs in an overlap:" (30000), and "Number of BPs for next group:" (1000000). A "Create Grouped File" button is at the bottom.

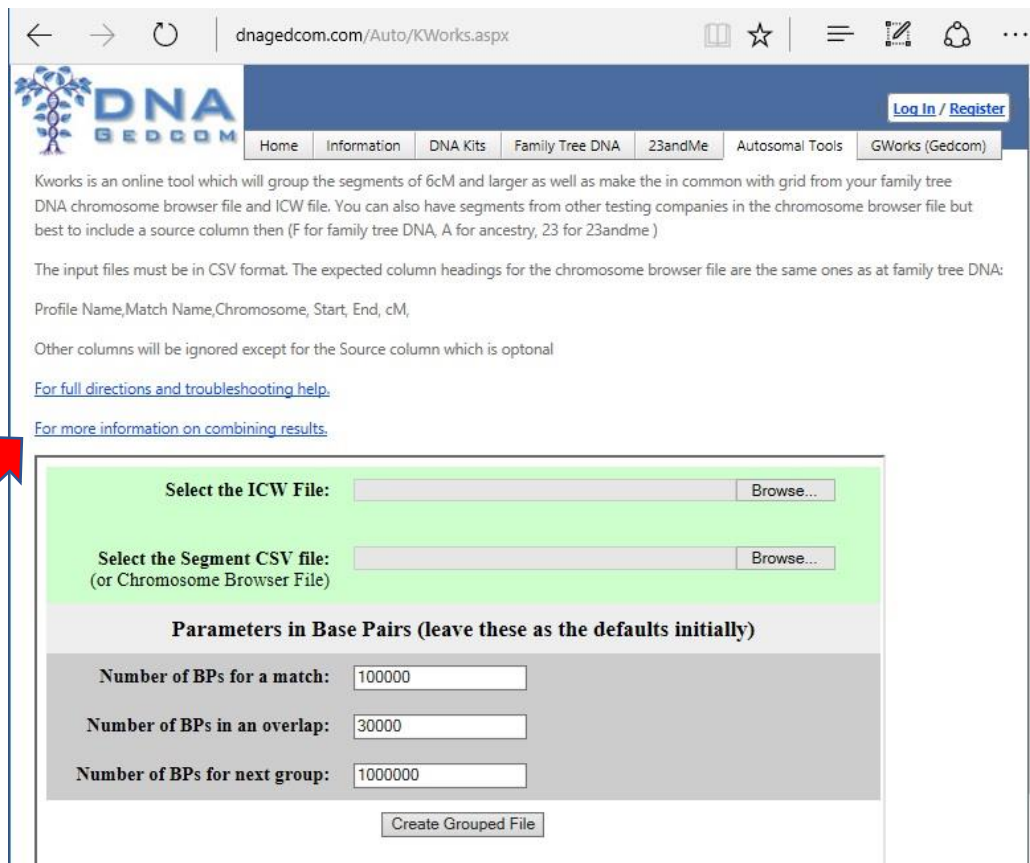
They Both Do the Same Thing!

❖ Process KWORKS

- FTDNA & 23andMe Files
- Modified GEDMatch files
- On-line

❖ Get Help

- Directions
- DNAGEDCOM Users FB Group
- Kitty Cooper's Blog



The screenshot shows the DNAGedcom website's Kworks tool interface. The browser address bar shows 'dnagedcom.com/Auto/KWorks.aspx'. The page has a blue header with the DNAGedcom logo and navigation links: Home, Information, DNA Kits, Family Tree DNA, 23andMe, Autosomal Tools, and GWorks (Gedcom). A 'Log In / Register' link is also present.

The main content area explains that Kworks is an online tool for grouping DNA segments (6cM and larger) and creating a common grid from family tree DNA, chromosome browser files, and ICW files. It mentions that segments from other testing companies can also be included, but a source column is recommended (F for family tree DNA, A for ancestry, 23 for 23andMe).

It specifies that input files must be in CSV format and lists the expected column headings for the chromosome browser file: Profile Name, Match Name, Chromosome, Start, End, cM. It also notes that other columns will be ignored except for the Source column, which is optional.

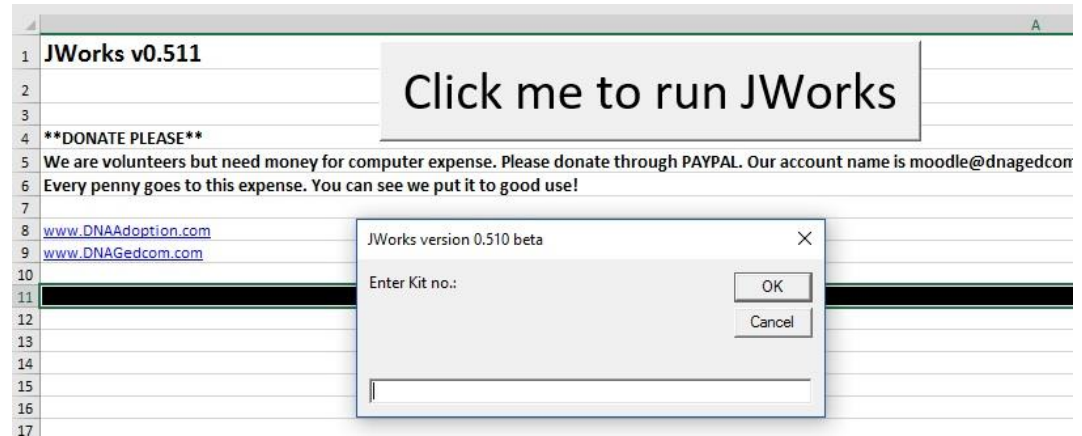
Two links are provided: [For full directions and troubleshooting help.](#) and [For more information on combining results.](#)

The form area has a green background and contains the following fields:

- Select the ICW File:** A text input field with a 'Browse...' button.
- Select the Segment CSV file: (or Chromosome Browser File)** A text input field with a 'Browse...' button.
- Parameters in Base Pairs (leave these as the defaults initially)** A section with three input fields:
 - Number of BPs for a match:** 100000
 - Number of BPs in an overlap:** 30000
 - Number of BPs for next group:** 1000000
- Create Grouped File** A button at the bottom right of the form.

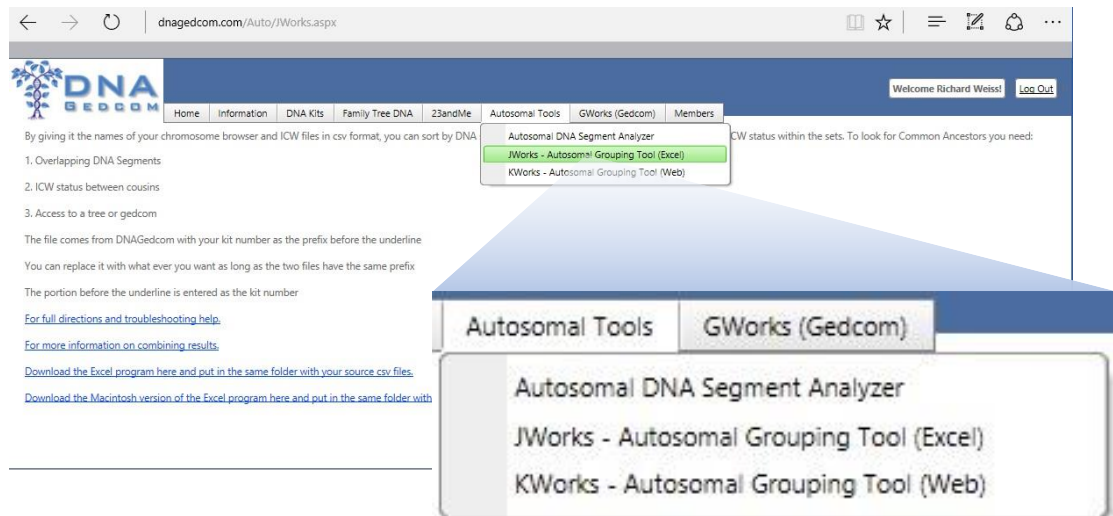
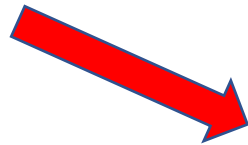
❖ Process JWORKS

- FTDNA & 23andMe Files
- Modified GEDMatch files
- Windows & Mac



❖ Get Help

- Directions
- DNAGEDCOM Users FB Group

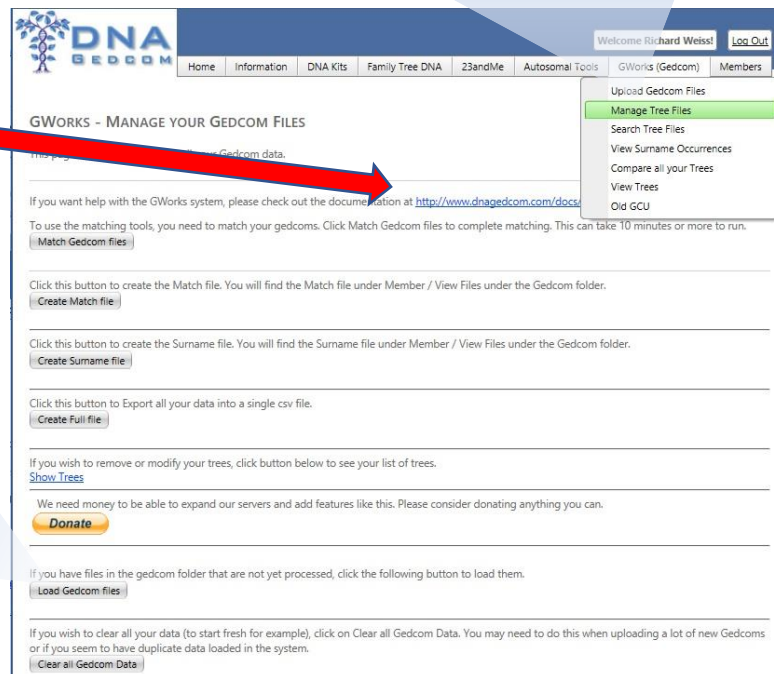


❖ Process GWORKS

- Upload GEDCOM

❖ Get Help

- User Guide
- DNAGEDCOM Users FB Group



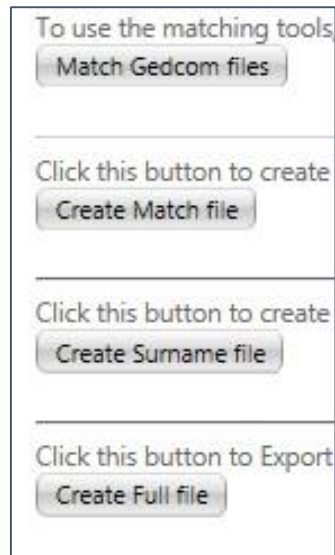
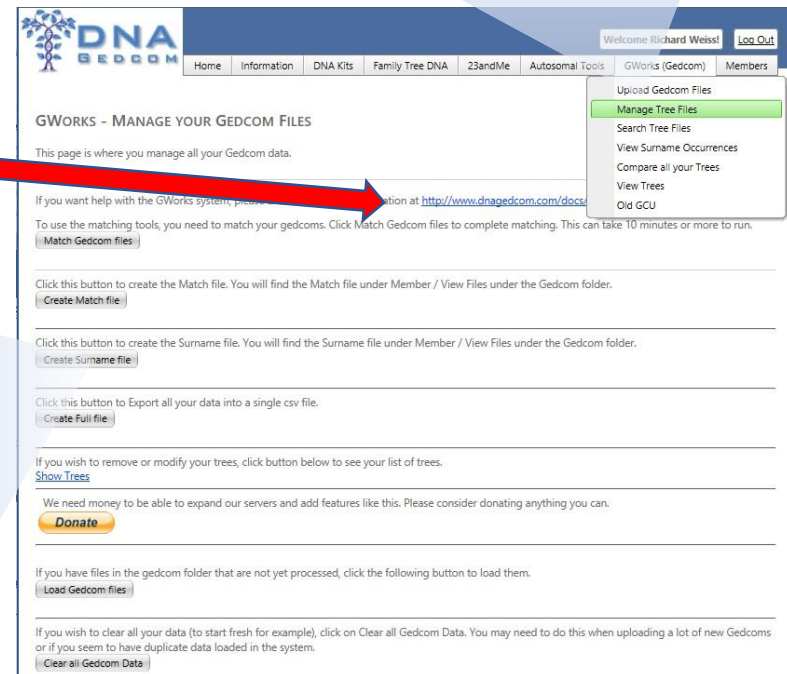
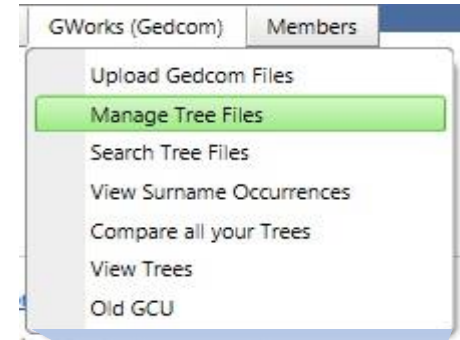
Patience!!!!

❖ Process GWORKS

- Complete before using GWORKS

❖ Get Help

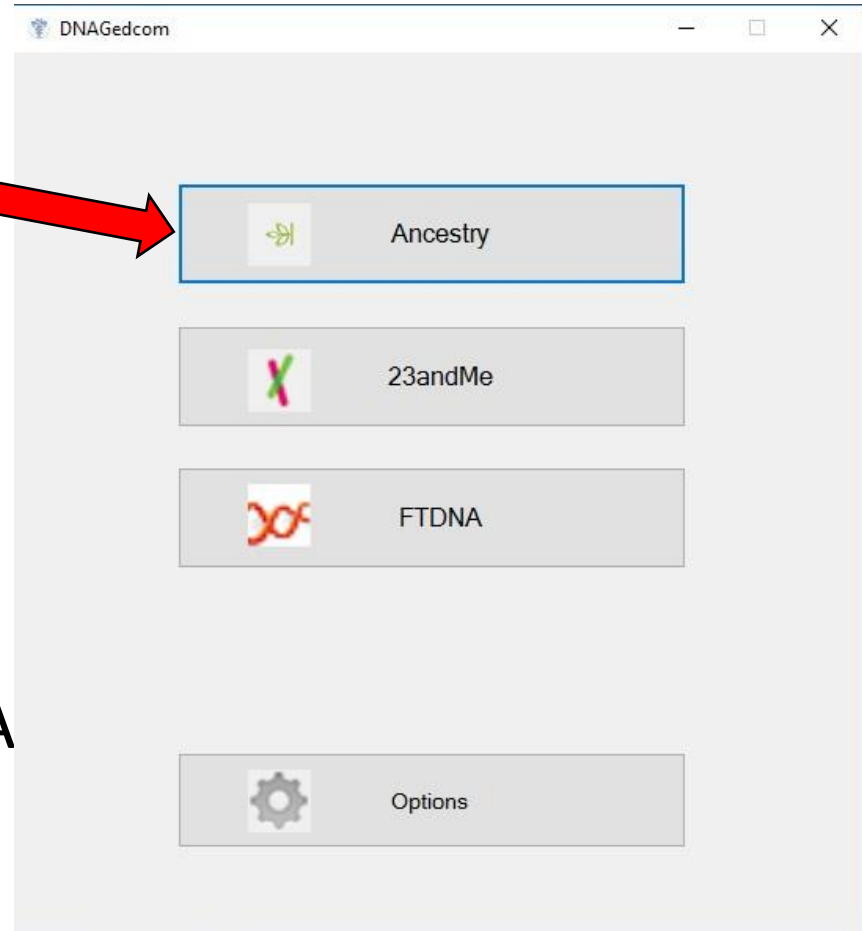
- User Guide
- DNAGEDCOM Users FB Group



Patience!!!!

❖ Gather Ancestry

- Select Ancestry
- Can Take a Very Long Time
 - Hours / Day
- Match's Trees
- Match's Limited DNA
 - No Segments



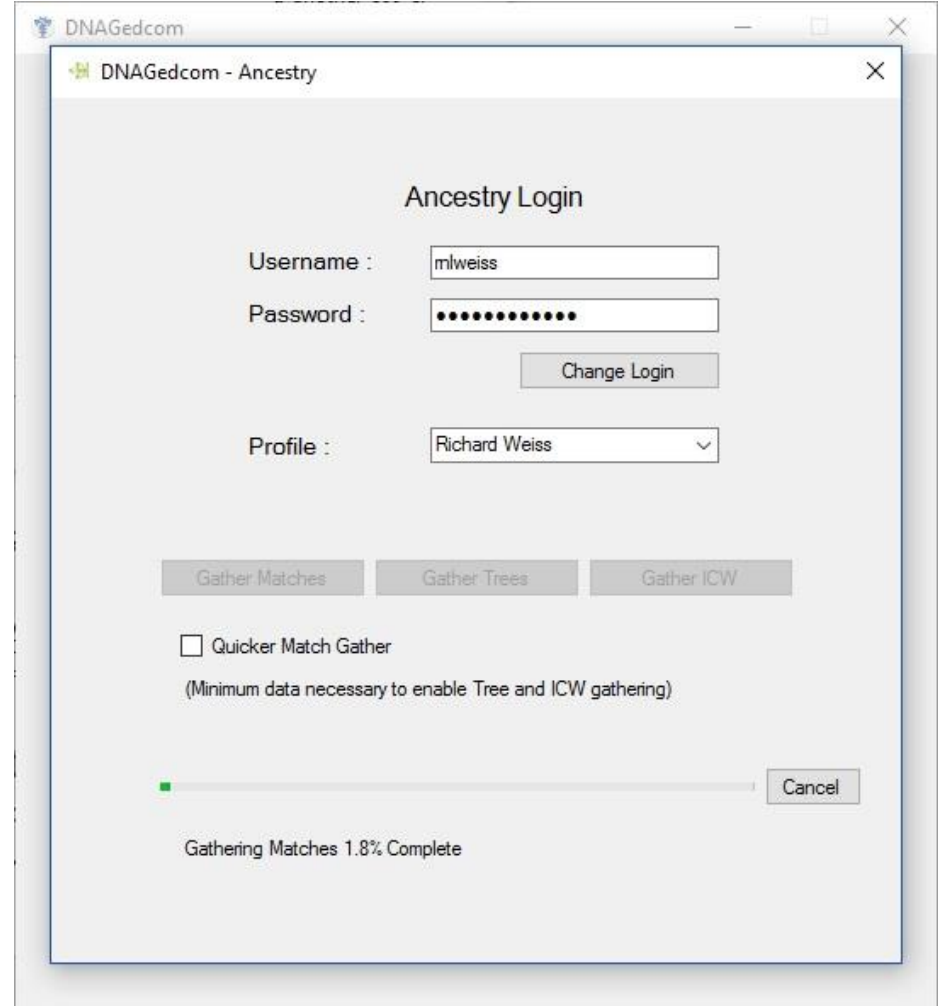
❖ Get Help

- How To Guides
- DNAGEDCOM Users FB Group

Patience!!!!

❖ Gather Ancestry

- Select Different Profiles
- Quicker Match Gather
 - 4C and Closer Matches
- Files
 - Match Info (m_file)
 - Match's Trees (a_file)
 - Shared Matches (icw_file)
- Manually upload to Any Account



The screenshot shows a window titled "DNAGedcom - Ancestry" with a sub-header "Ancestry Login". It contains the following fields and controls:

- Username :
- Password :
-
- Profile :

Below the login fields are three buttons: "Gather Matches", "Gather Trees", and "Gather ICW".

There is a checkbox labeled "Quicker Match Gather" with the text "(Minimum data necessary to enable Tree and ICW gathering)" below it.

At the bottom, there is a progress bar with a green segment on the left and a "Cancel" button on the right. Below the progress bar, it says "Gathering Matches 1.8% Complete".

Patience!!!!

❖ Gather Ancestry

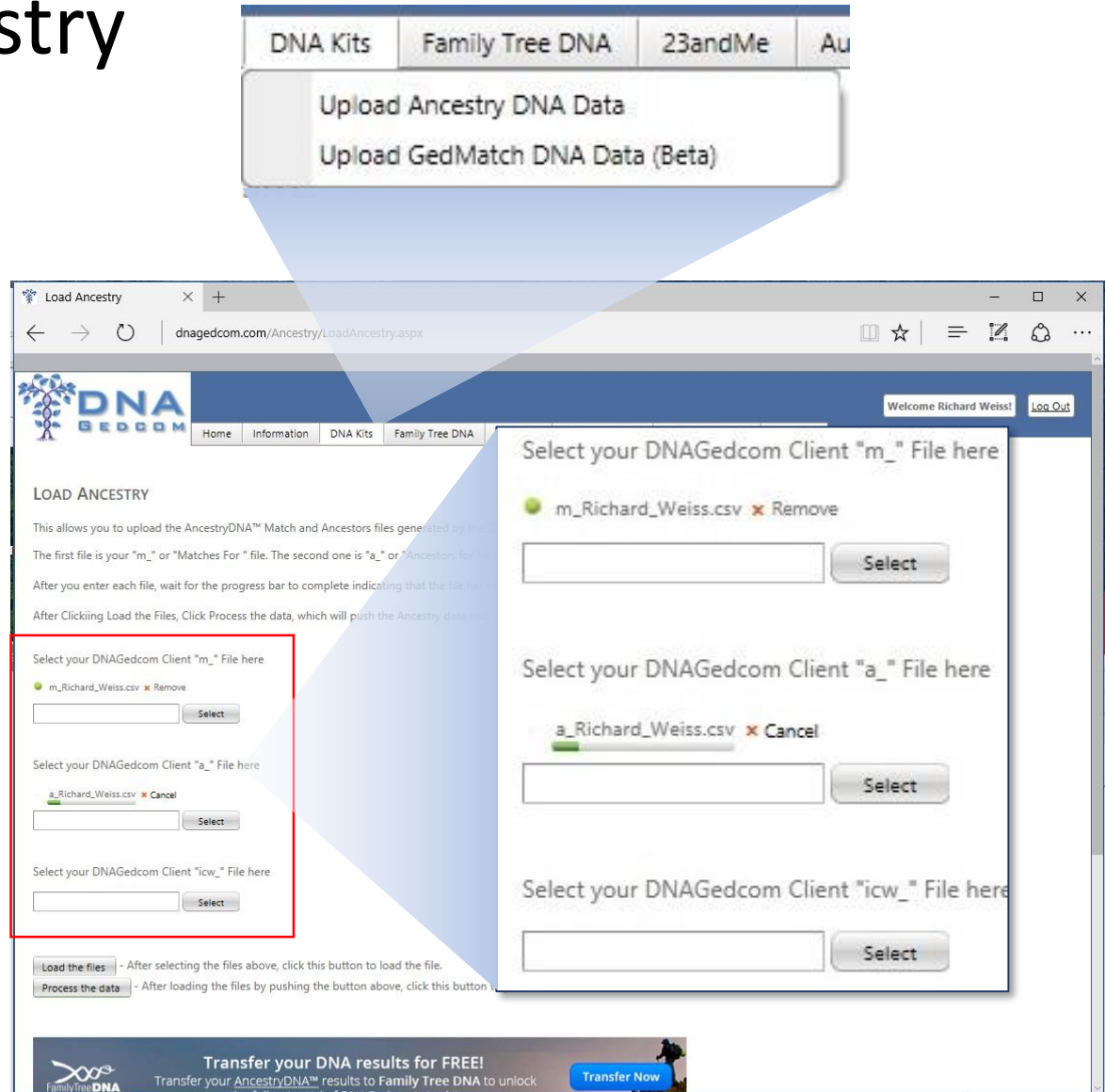
➤ Manually upload to Any Account

➤ ICW upload not enabled

❖ Get Help

➤ How To Guide

➤ DNAGEDCOM Users FB Group



The screenshot shows the 'Load Ancestry' page on the DNAGedcom website. A blue callout box highlights the 'Upload Ancestry DNA Data' and 'Upload GedMatch DNA Data (Beta)' options. The main page content includes a 'LOAD ANCESTRY' section with instructions on how to upload files. Below the instructions, there are three sections for selecting files: 'm_' (m_Richard_Weiss.csv), 'a_' (a_Richard_Weiss.csv), and 'icw_' (icw_). Each section has a 'Select' button. At the bottom, there are buttons for 'Load the files' and 'Process the data'. A banner at the very bottom promotes transferring DNA results for free to FamilyTreeDNA.

DNA Kits Family Tree DNA 23andMe Au

Upload Ancestry DNA Data
Upload GedMatch DNA Data (Beta)

Load Ancestry dnagedcom.com/Ancestry/LoadAncestry.aspx

Welcome Richard Weiss! Log Out

Home Information DNA Kits Family Tree DNA

LOAD ANCESTRY

This allows you to upload the AncestryDNA™ Match and Ancestors files generated by the...
The first file is your "m_" or "Matches For " file. The second one is "a_" or "Ancestors for M...
After you enter each file, wait for the progress bar to complete indicating that the file has...
After Clicking Load the Files, Click Process the data, which will push the Ancestry data into...

Select your DNAGedcom Client "m_" File here

m_Richard_Weiss.csv Remove

Select

Select your DNAGedcom Client "a_" File here

a_Richard_Weiss.csv Cancel

Select

Select your DNAGedcom Client "icw_" File here

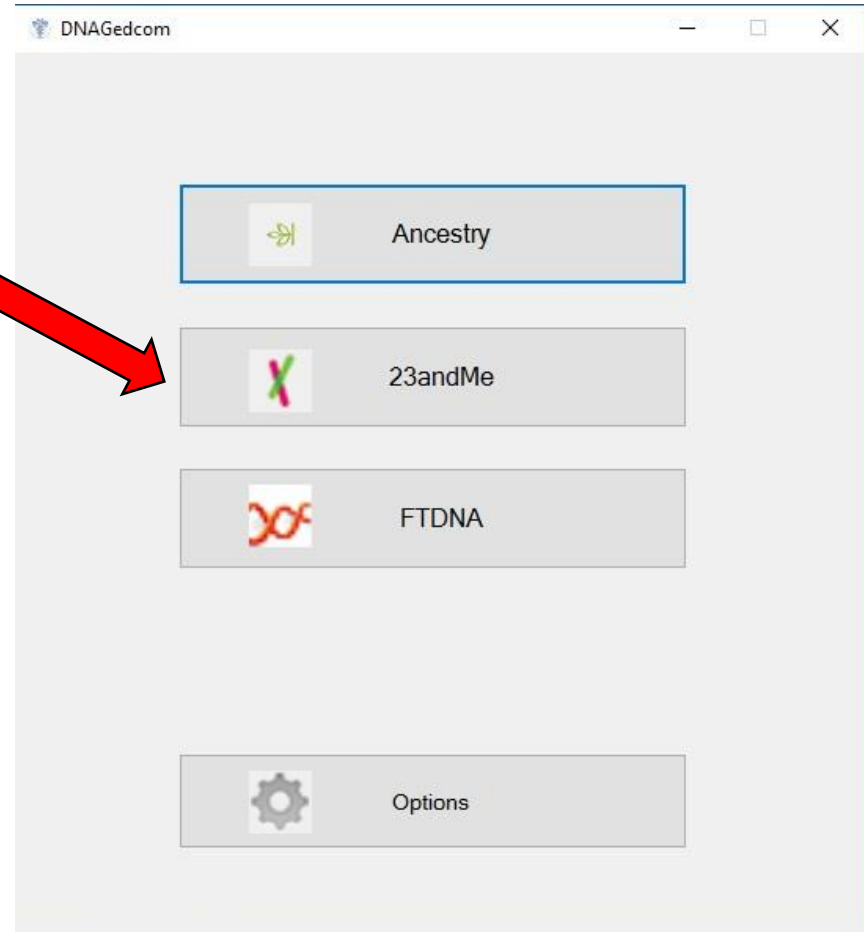
Select

Load the files - After selecting the files above, click this button to load the file.
Process the data - After loading the files by pushing the button above, click this button...

Transfer your DNA results for FREE!
Transfer your AncestryDNA™ results to Family Tree DNA to unlock...
Transfer Now

❖ Gather 23andMe

- Select 23andMe
- Can Take a Very Long Time
 - Hours
 - Multiple Days
- No Match's Trees
- Full DNA Information



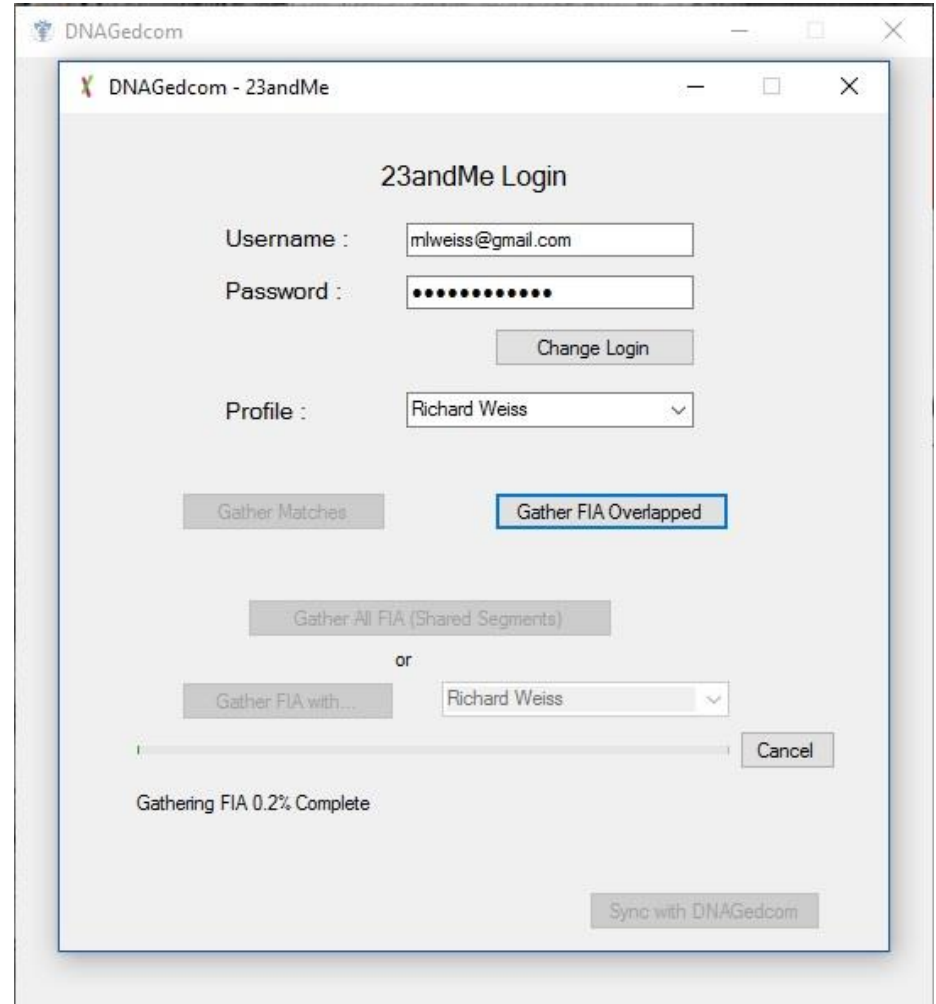
❖ Get Help

- How To Guides
- DNAGEDCOM Users FB Group

Patience!!!!

❖ Gather 23andMe

- Only Sharing Matches
- Synch with Subscribed Account
 - Generate Files for all accounts
- Manually upload to Unsubscribed accounts
- No Tree Information

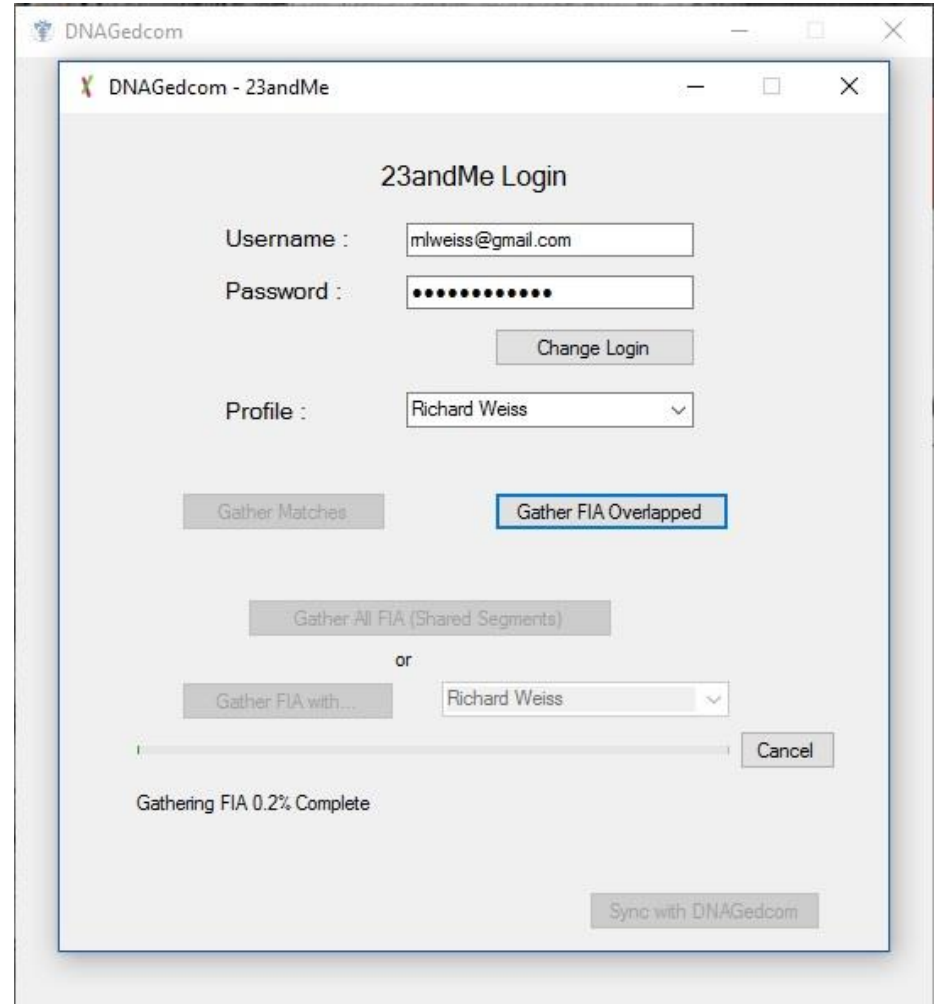


The screenshot shows a web browser window titled "DNAGedcom" with a sub-window titled "DNAGedcom - 23andMe". The sub-window contains a "23andMe Login" form. The form has fields for "Username" (mlweiss@gmail.com), "Password" (masked with dots), and "Profile" (Richard Weiss). There is a "Change Login" button next to the password field. Below the login fields are three buttons: "Gather Matches", "Gather FIA Overlapped" (highlighted with a blue border), and "Gather All FIA (Shared Segments)". Below these buttons is a section with "or" and a "Gather FIA with..." button next to a dropdown menu showing "Richard Weiss". At the bottom right is a "Cancel" button. A progress bar at the bottom indicates "Gathering FIA 0.2% Complete". A "Sync with DNAGedcom" button is located at the bottom right of the sub-window.

Patience!!!!

❖ Gather 23andMe

- Must Sync to Generate Files
- Files for DNAGEDCOM KWORKS/JWORKS/ADSA
 - Matches
 - Chromosome Browser
 - In Common With (ICW)
- Files for GenoMate Pro
 - *_23andMe_FIA
 - *_Overlap_23andMe_FIA
 - *_Combined_23andMe_FIA

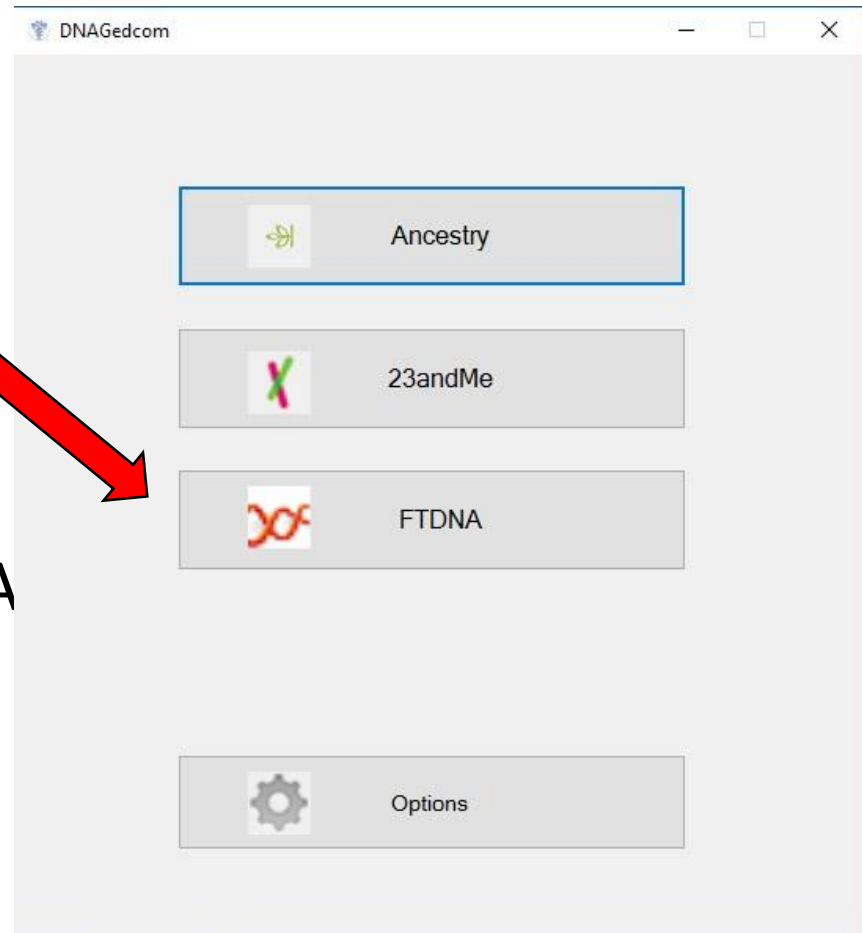


The screenshot shows a web browser window titled "DNAGedcom" with a sub-window titled "DNAGedcom - 23andMe". The sub-window contains a "23andMe Login" form. The form has fields for "Username" (mlweiss@gmail.com), "Password" (masked with dots), and "Profile" (Richard Weiss). There is a "Change Login" button next to the password field. Below the login fields are three buttons: "Gather Matches", "Gather FIA Overlapped" (highlighted with a blue border), and "Gather All FIA (Shared Segments)". Below these buttons is a section with the word "or" and a "Gather FIA with..." button next to a dropdown menu showing "Richard Weiss". At the bottom of the form is a "Cancel" button. A progress bar at the bottom indicates "Gathering FIA 0.2% Complete". A "Sync with DNAGedcom" button is located at the bottom right of the sub-window.

Patience!!!!

❖ Gather FTDNA

- Select FTDNA
- Can Take a Long Time
 - Hours / Day
- Only Autosomal DNA
 - No Y-DNA or MT-DNA
- Tree Download not Working - work around

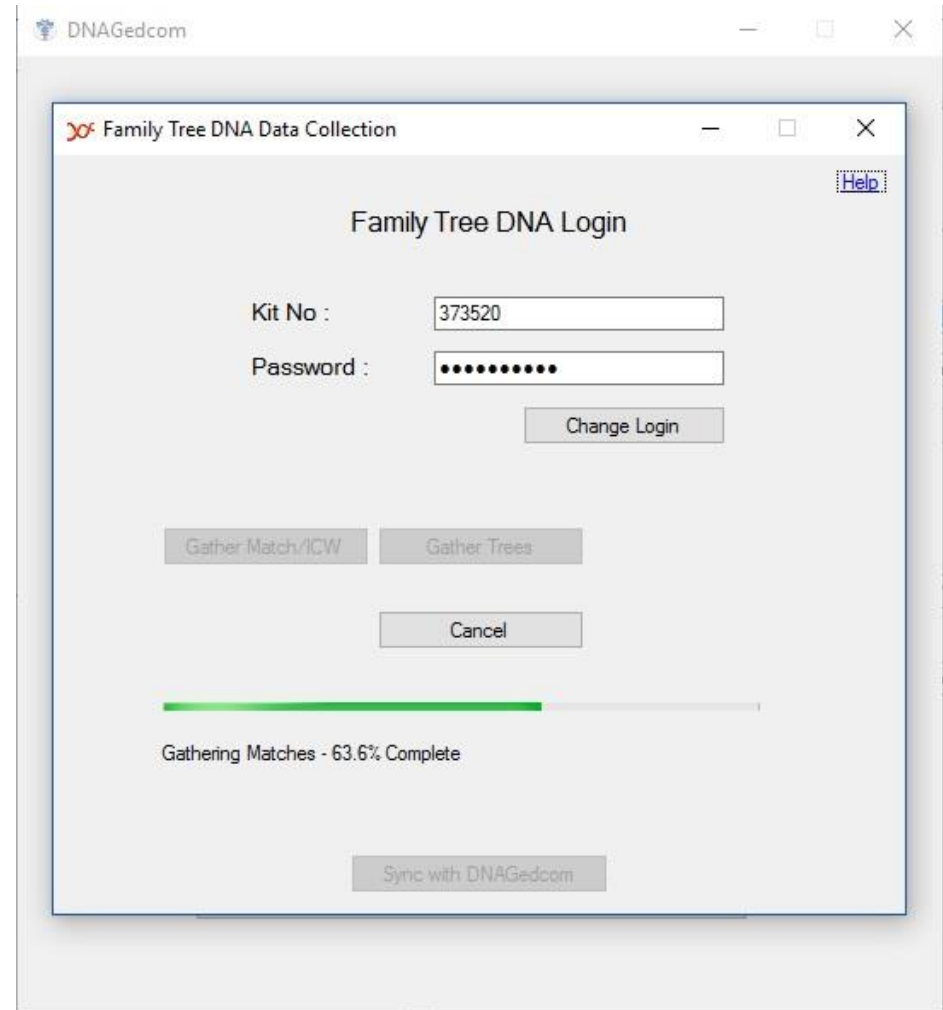


❖ Get Help

- How To Guides
- DNAGEDCOM Users FB Group

❖ Gather FTDNA

- Files for DNAGEDCOM
KWORKS/JWORKS/ADSA
 - Matches
 - Chromosome Browser
 - In Common With (ICW)
- Synch with Subscribed Account
 - Generate Files for all accounts
- Manually upload to Unsubscribed accounts



Patience!!!!

❖ Gather FTDNA

Tools are Not from DNAGEDCOM


➤ Trees Work Around

- DNA Arboretum Chrome Extension
- Ahen2GED Tool
- GEDcom File

➤ One at a Time

➤ Manually Upload GEDCOM to DNAGEDCOM



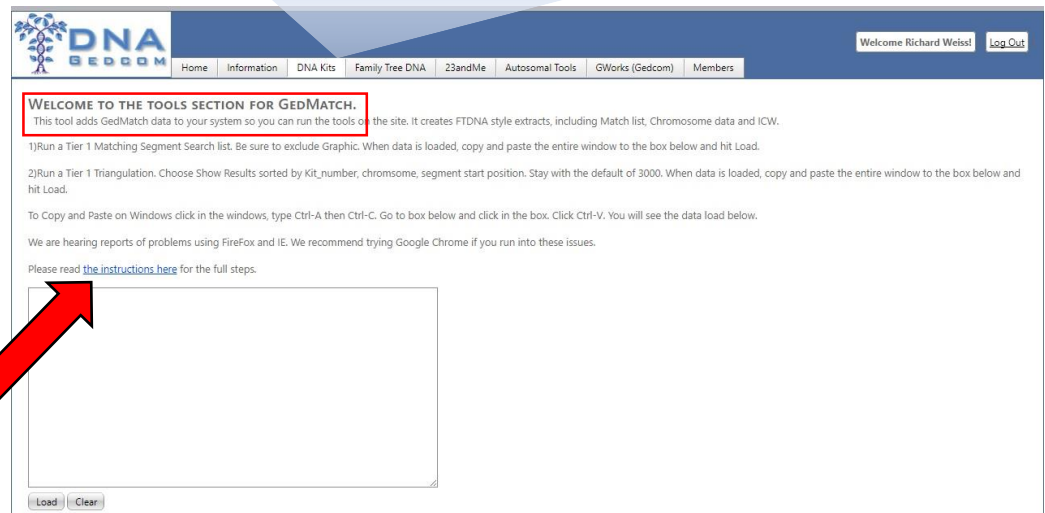
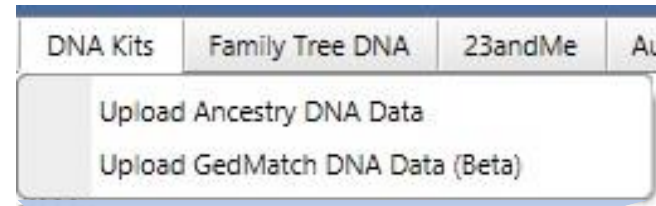
<p>Select the ahnentafel file with text data to convert</p> <p>Choose File:</p> <div><input type="text"/> Browse...</div> <p><input type="checkbox"/> Check here if the start person is male</p> <p>Make the GEDCOM</p>	<p>OPTIONAL EXTRAS</p> <p><input type="checkbox"/> Check to add a backslash before each surname (That way you will get a surname index in RootsMagic, MyHeritage, and Reunion, among others.)</p> <p>The output GEDCOM file will be named for the first person in the file plus a time stamp and period ged</p> <p>If you want a different file name, enter it here:</p> <div><input type="text"/></div>	 <p>Click image to thank me</p>
---	---	---

❖ Get Help

➤ Kitty Cooper Blog

❖ Gather GEDMatch

- Matching Segments
- Triangulation
- Manually upload to DNAGEDCOM



❖ Get Help

- How To Guide
- DNAGEDCOM Users FB Group

Best Practice: Run GEDMatch's Matching Segments and Triangulation at same time










DNAGedcom Ecosystem

- Lots of people are creating innovative programs using the data and working with DNAGedcom to do more.
- It is the place to be to innovate from a known base
- What do you want to build?

ADSA

Barry Baker
Family Tree DNA Kit # 307638
Wed, 25 Dec 2013 23:03:01 -0600

CHROMOSOME 3 24 matching segments Longest is 39.82cMs

MATCH NAME	START	END	cMs	SNPs	EMAIL	ICW	SEGMENTS
Andrew Woodhull	36495	20091081	37.67	6988	andrew.woodhull@packardfamilytree.org		37.67
Carley Baker Wood	36495	21691239	39.60	7488	carley.woodhull@icw.edu		39.60
Christen Lee Smith	36495	3023519	7.70	1288	smithc@packardfamilytree.org		7.70
Norman Lee Williams	36495	3168676	8.24	1388	normanlee@packardfamilytree.org		8.24
Loring Baker	4646633	21691239	28.02	5500	loringb@icw.edu		28.02
Edward Lynn Walker	8271654	15570297	13.28	2700	edwardwalker@icw.edu		13.28
D. E. Smith	9202644	21691239	16.14	3700	smithd@icw.edu		16.14
Carley Baker Wood	22669782	30515440	11.17	2200	carley.woodhull@icw.edu		11.17
Loring Baker	22669782	62538928	39.82	10000	loringb@icw.edu		39.82
Elizabeth Baker Hall	64242929	72211754	11.50	2268	ebakerh@icw.edu		11.50
Andrew Woodhull	106987997	139142293	31.37	7800	andrew.woodhull@packardfamilytree.org		31.37
Carley Baker Wood	106987997	139142293	31.37	7800	carley.woodhull@icw.edu		31.37
William Thomas Smith	126636581	135038190	8.40	2000	williamsmith@packardfamilytree.org		8.40
Loring Baker	135287418	165727113	26.11	6588	loringb@icw.edu		26.11
Eric Mellow Truett	147143052	154352052	8.58	1788	truettm@icw.edu		8.58
Brook Donawick	151924307	172907090	15.86	4000	brookdonawick@icw.edu		15.86
Michael Allen Parker	151924307	177505329	23.26	5100	michaelparker@icw.edu		23.26
Robert Nigel Bennett	167169021	173746066	8.17	1300	robertn@icw.edu		8.17
Brook Donawick	173400409	178352192	8.03	1200	brookdonawick@icw.edu		8.03
Carley (Jill) Baker	173400409	178352192	8.03	1200	carleyb@icw.edu		8.03
Andrew Woodhull	179299304	197952000	32.79	4600	andrew.woodhull@packardfamilytree.org		32.79
Carley Baker Wood	179299304	195756724	29.08	4113	carley.woodhull@icw.edu		29.08
John Benjamin Allen	185772676	189629968	8.87	1132	johnallen@icw.edu		8.87
Loring Baker	192770892	196058186	7.70	795	loringb@icw.edu		7.70

Genome Mate Pro



GENOME MATE PRO

A Tool for Managing DNA Comparisons

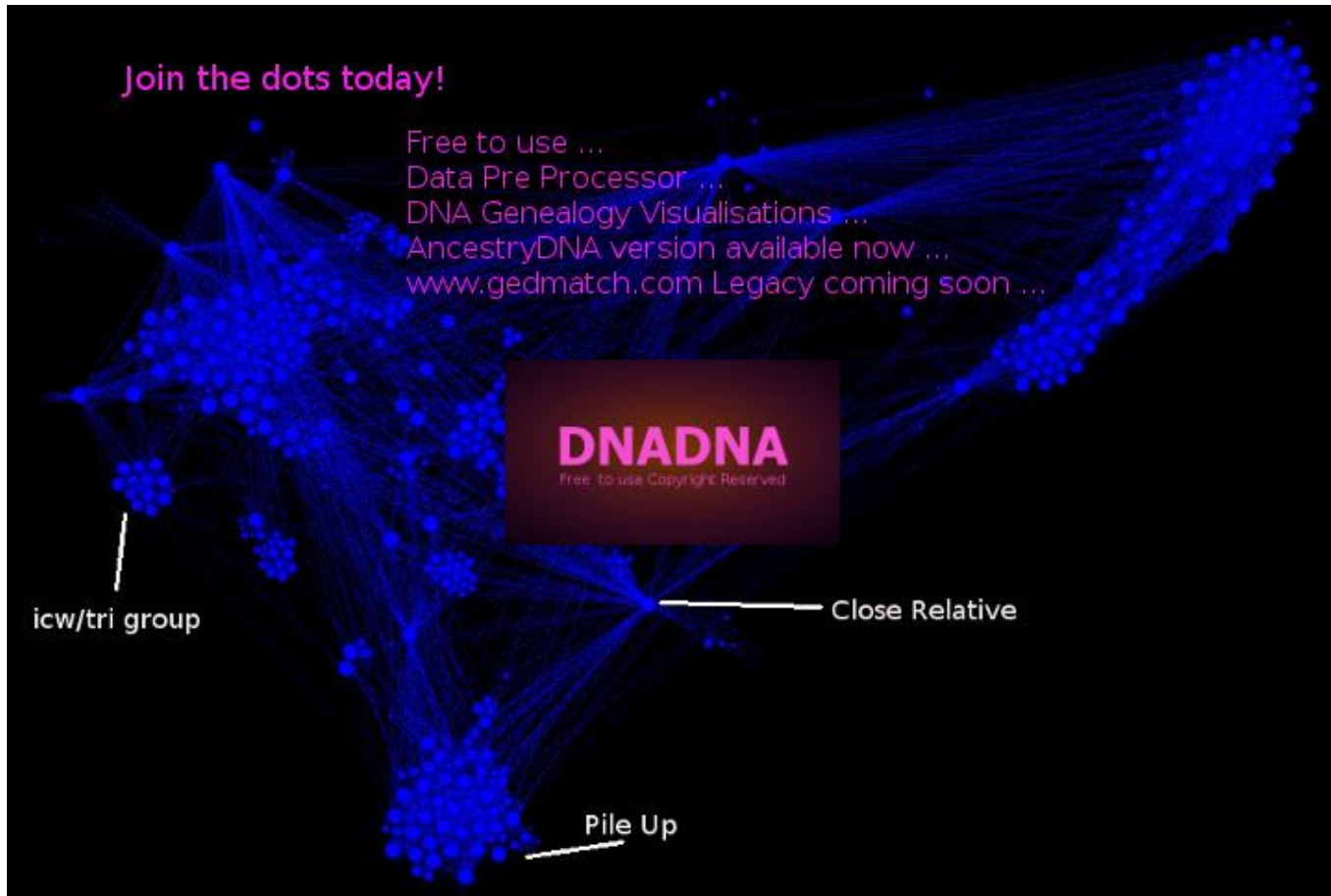
Shelley Crawford's Twigs of Yore

Twigs of Yore



- Based on Excel Add in NodeXL
- Find it at <http://bit.ly/TwigsDG>
(<https://twigsofyore.blogspot.ie/2017/07/visualising-ancestry-dna-matchesindex.html>)

DNADNA.uk



DNAGedcom Ecosystem

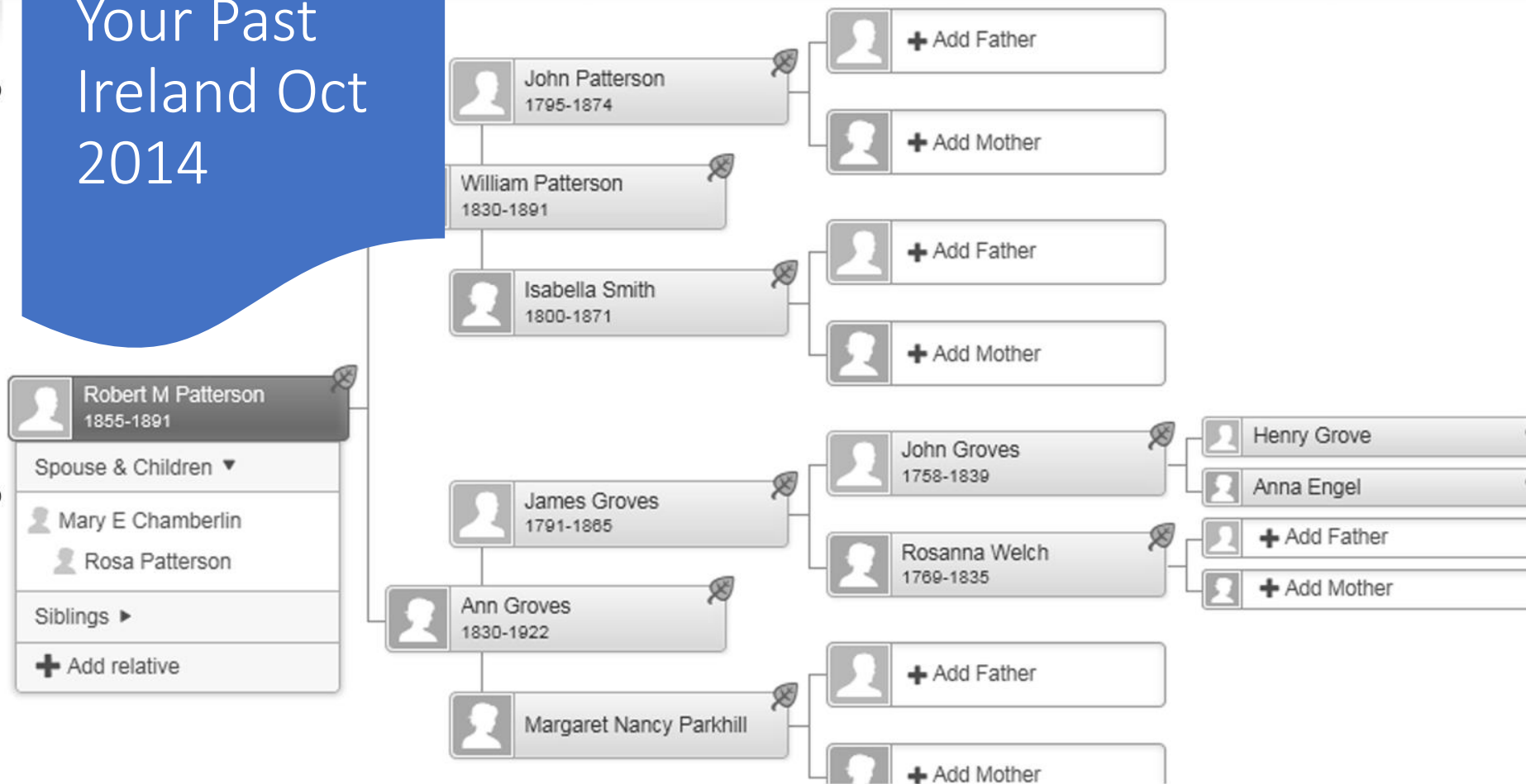
- Excel Spreadsheets using data from DNAGedcom Client directly
- Access Databases
- API Access coming soon

Finding Sue

- After first I4GG Sue decides it's time.
- GWorks is in major development moving from a DOS based App to a web site
- Oct 2014 in Ireland, we present our thoughts on birth father family

Guessing Back To Your Past Ireland Oct 2014

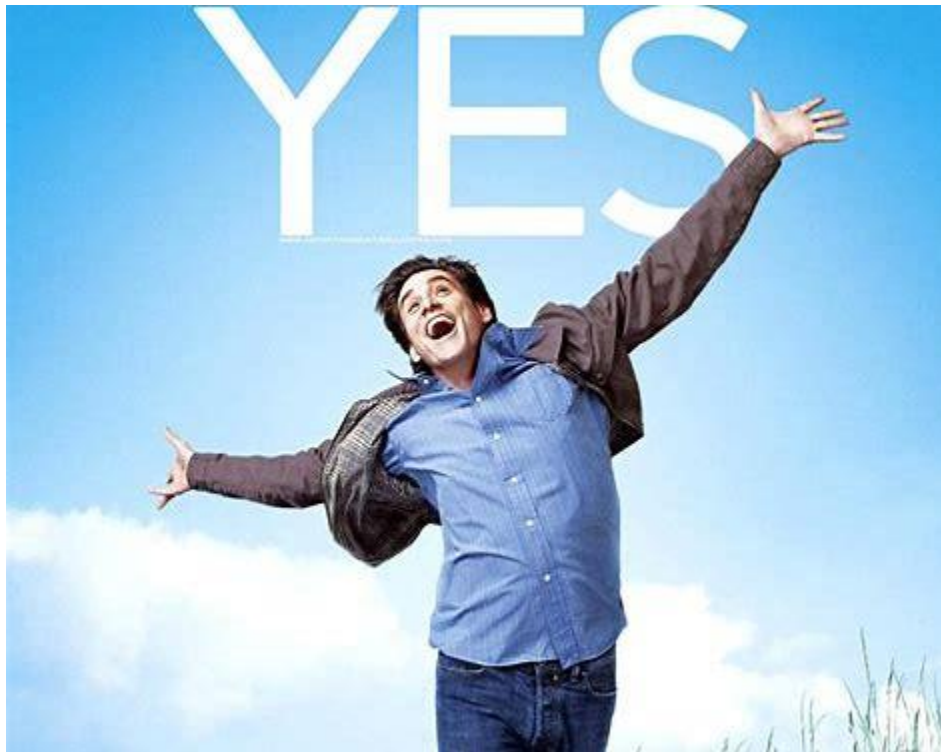
Great Grandparents?



Finding Sue

- After first I4GG Sue decides it's time.
- GWorks is in major development moving from a DOS based App to a web site
- Oct 2014 in Ireland, we present our thoughts on birth father family
- Nov 2014 Rob calls Sue (at work) to let her know he thinks he found him
- Dec 2014, the answer is confirmed with DNA


Yes we found him





Paternal Tree


The Results
Northern
Virginia
Presentation
Feb 2015


3rd Cousin

 Andrew C Patterson
1853-1890


 Mary K Kennedy
1855-1928

 John Dunn
1848-1903

 Susan Patterson
1854-1936

 John Groves
1833-1919

 Charlotte E Dowse
1844-1921


 Edward L Faulkner
1855-1889

 Mary Cook
1861-


4th Cousin


 Patterson

 + Add Mother


 John Kennedy


 Mary Powers


 Thomas Dunne

 Mary Phalen

 Thomas Patterson

 Lucy McBride


 James Groves


 Margaret Nancy Parkhill


 Roswell P Dowse

 Mary Ann Crandall

 Lyman Beach Faulkner

 Julia Ann Bailey

 + Add Father

 + Add Mother

23andMe
"2-3rd Cousin"
3rd Cousin
once removed

Ancestry
4th cousins

FTDNA
Misc Trees

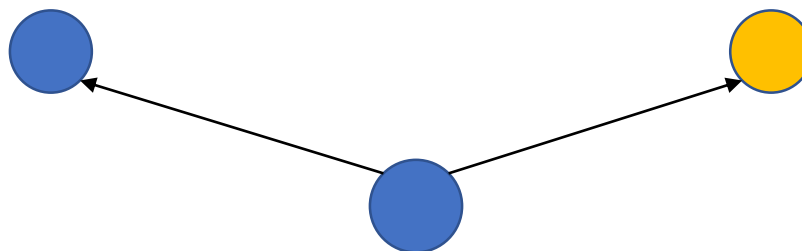
Theory

- Find a matches tree to start to hang your hook
- Work that tree back
- Bring the tree forward
- Find a new place to hang your hook
- Make sure to keep track of what lines you've worked through.

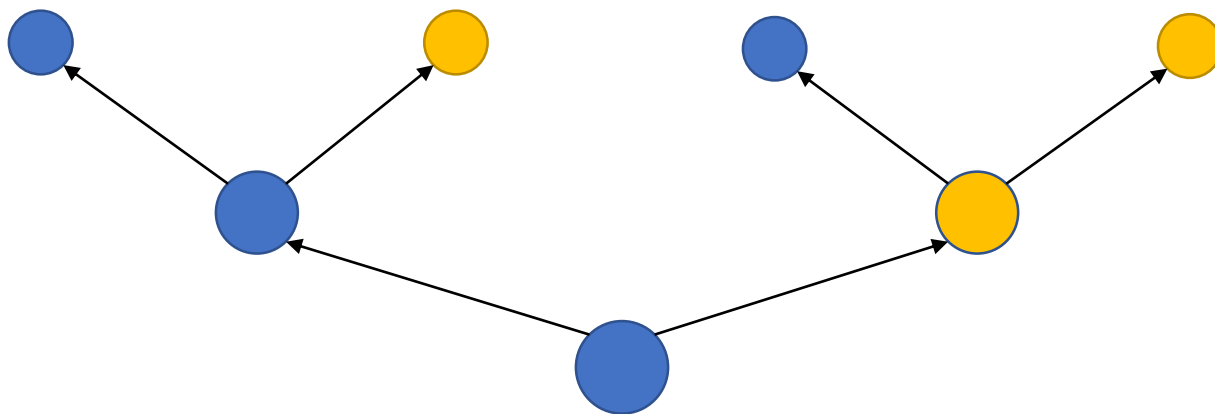


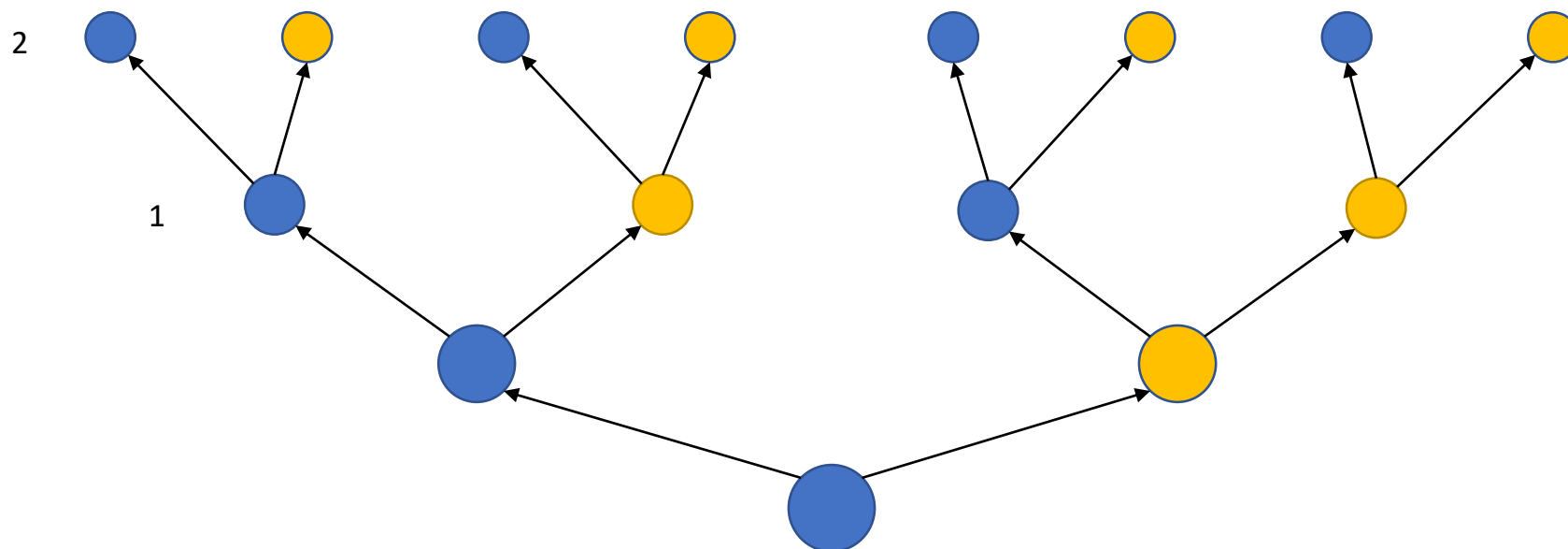
Welcome to DNAGedcom

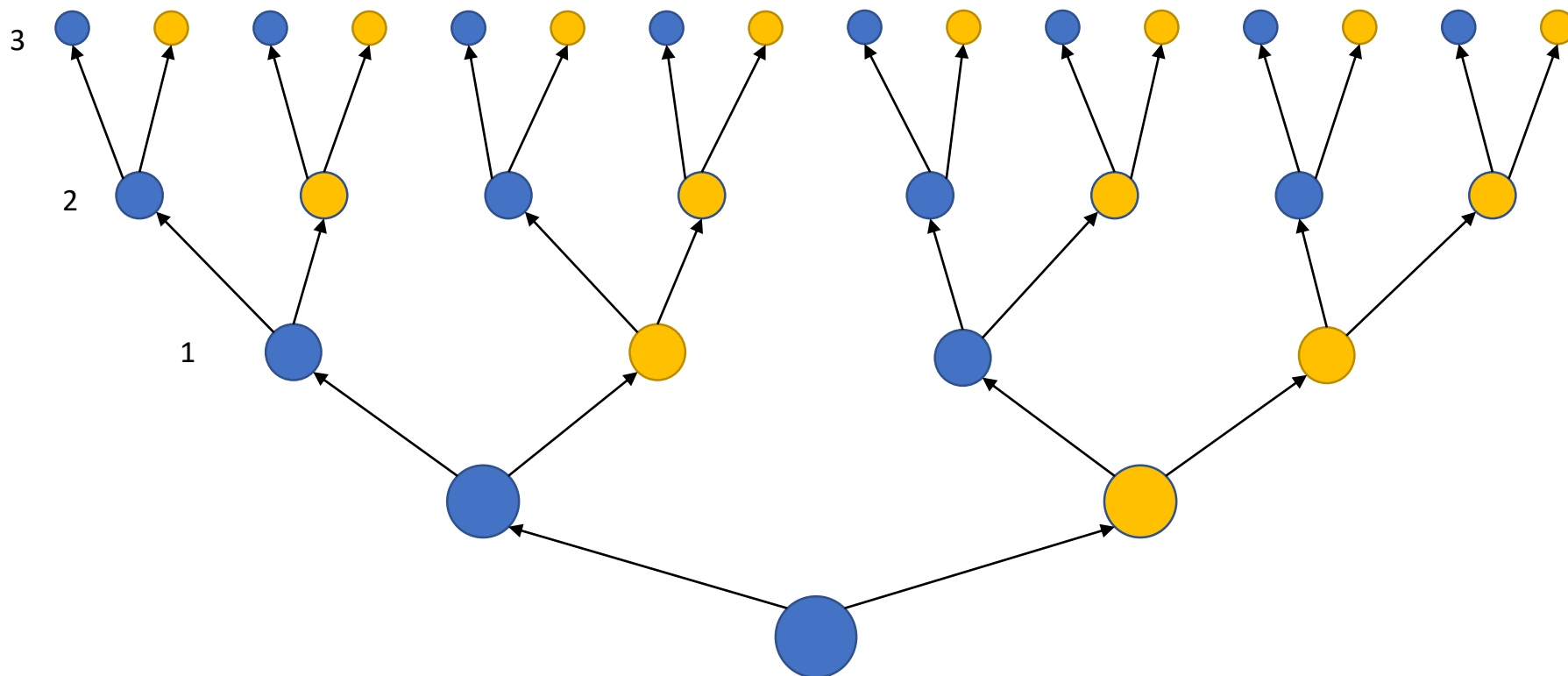


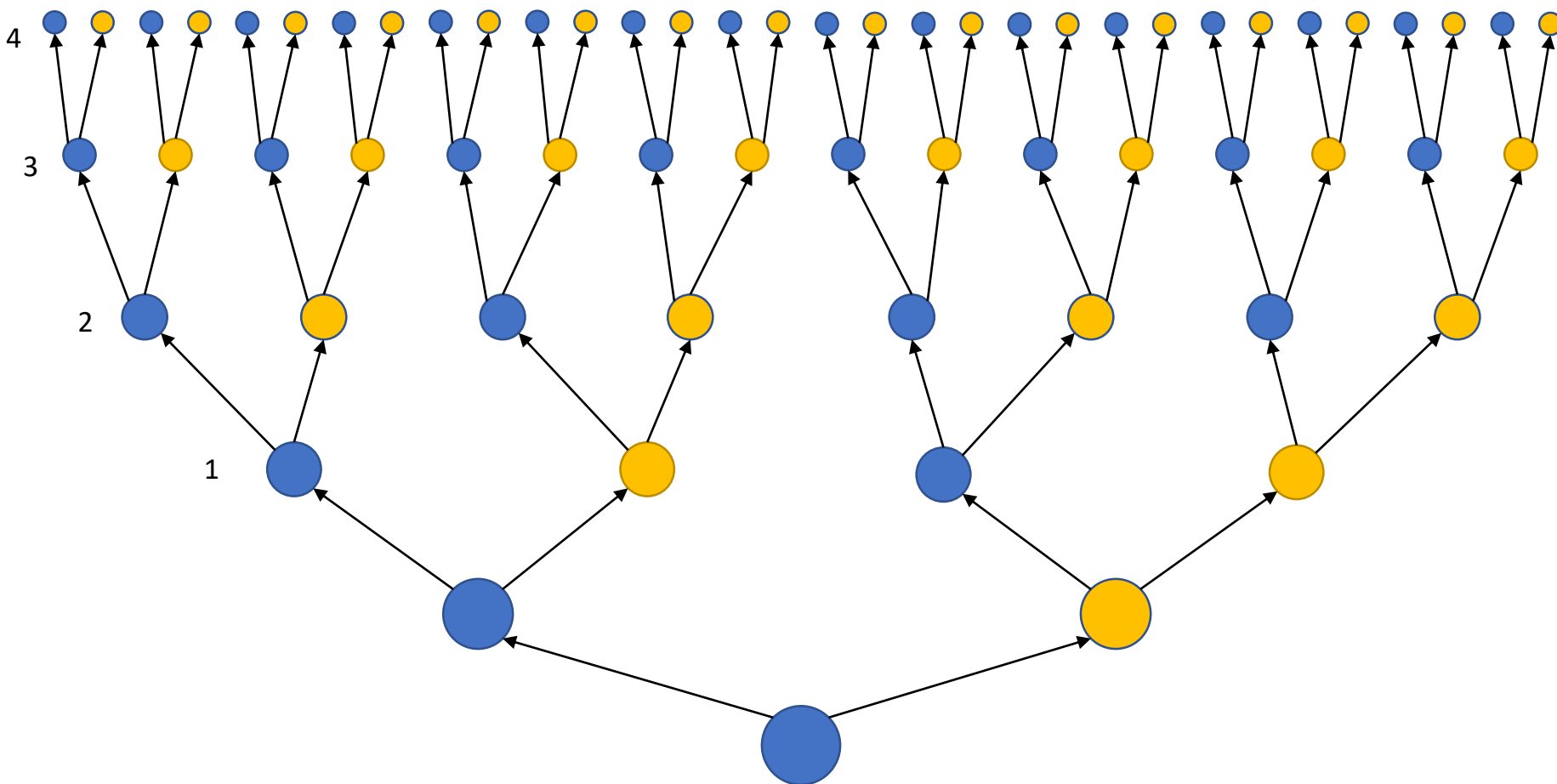


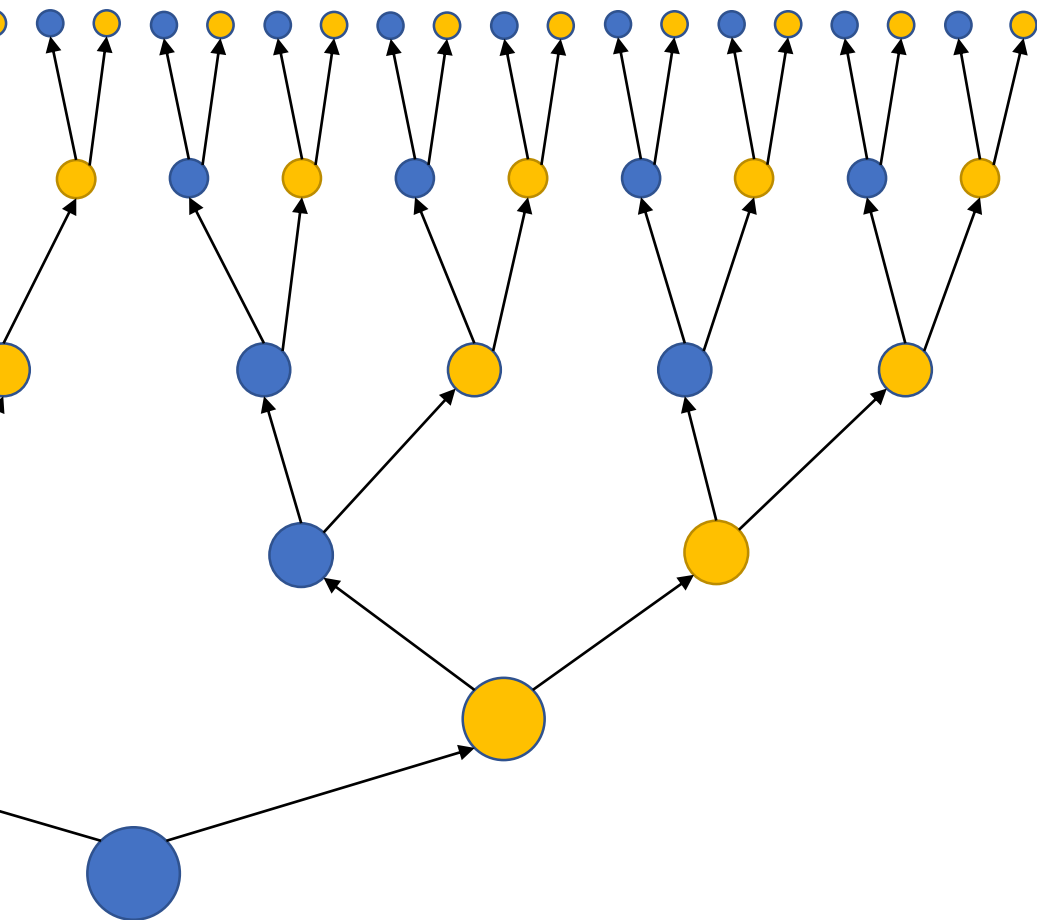
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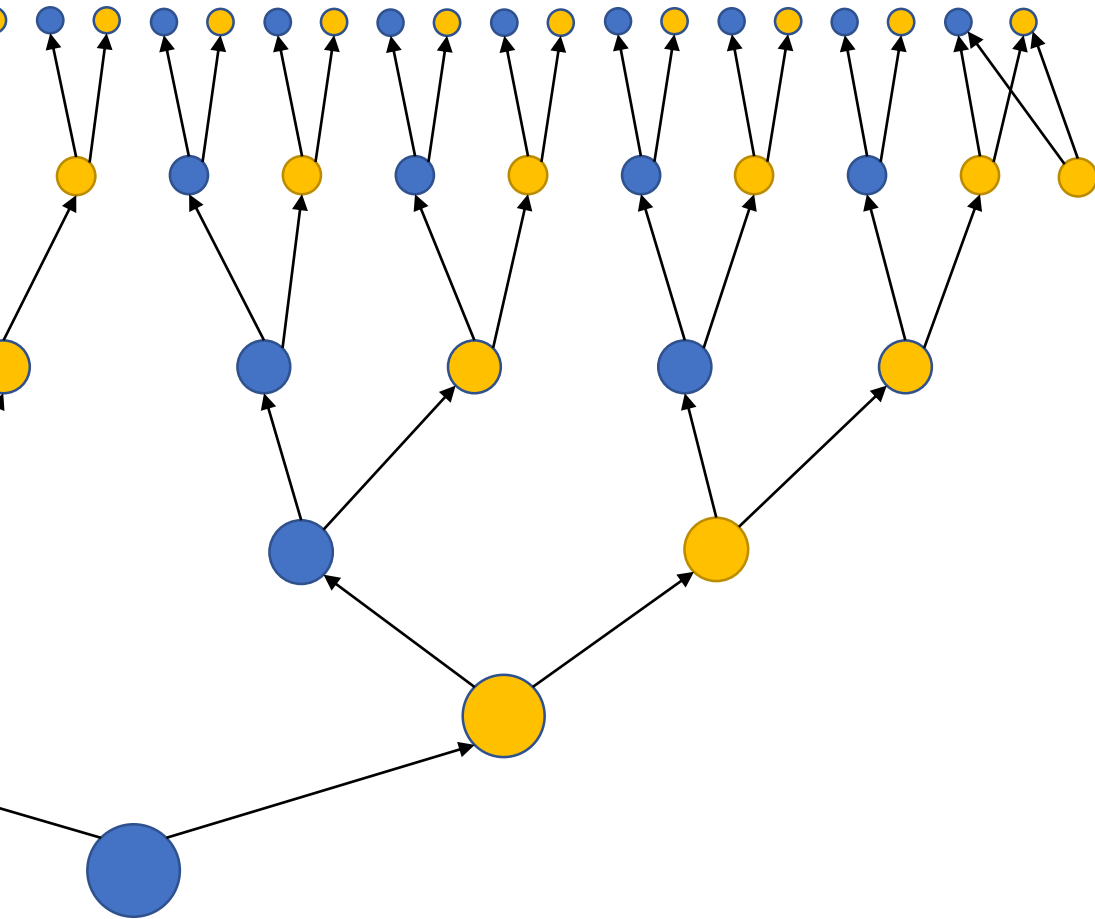




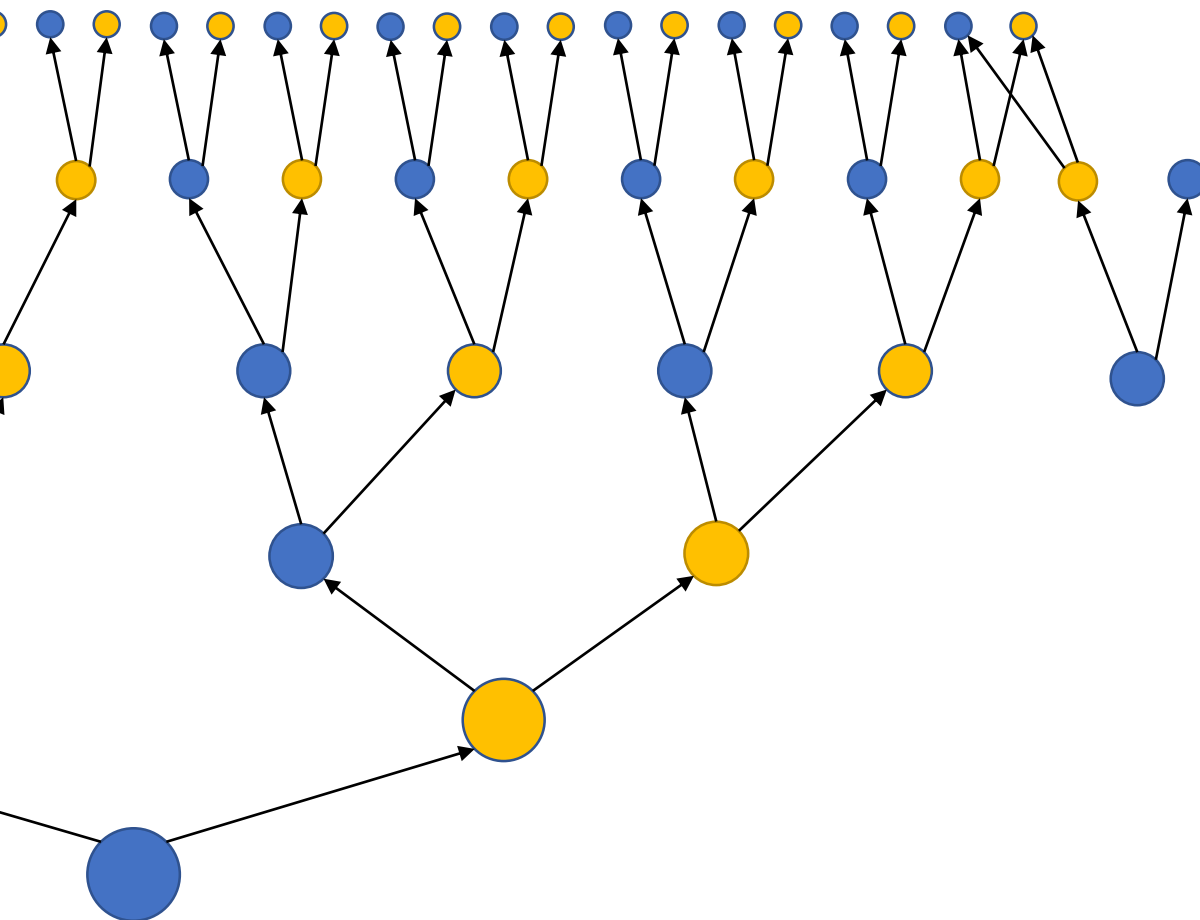


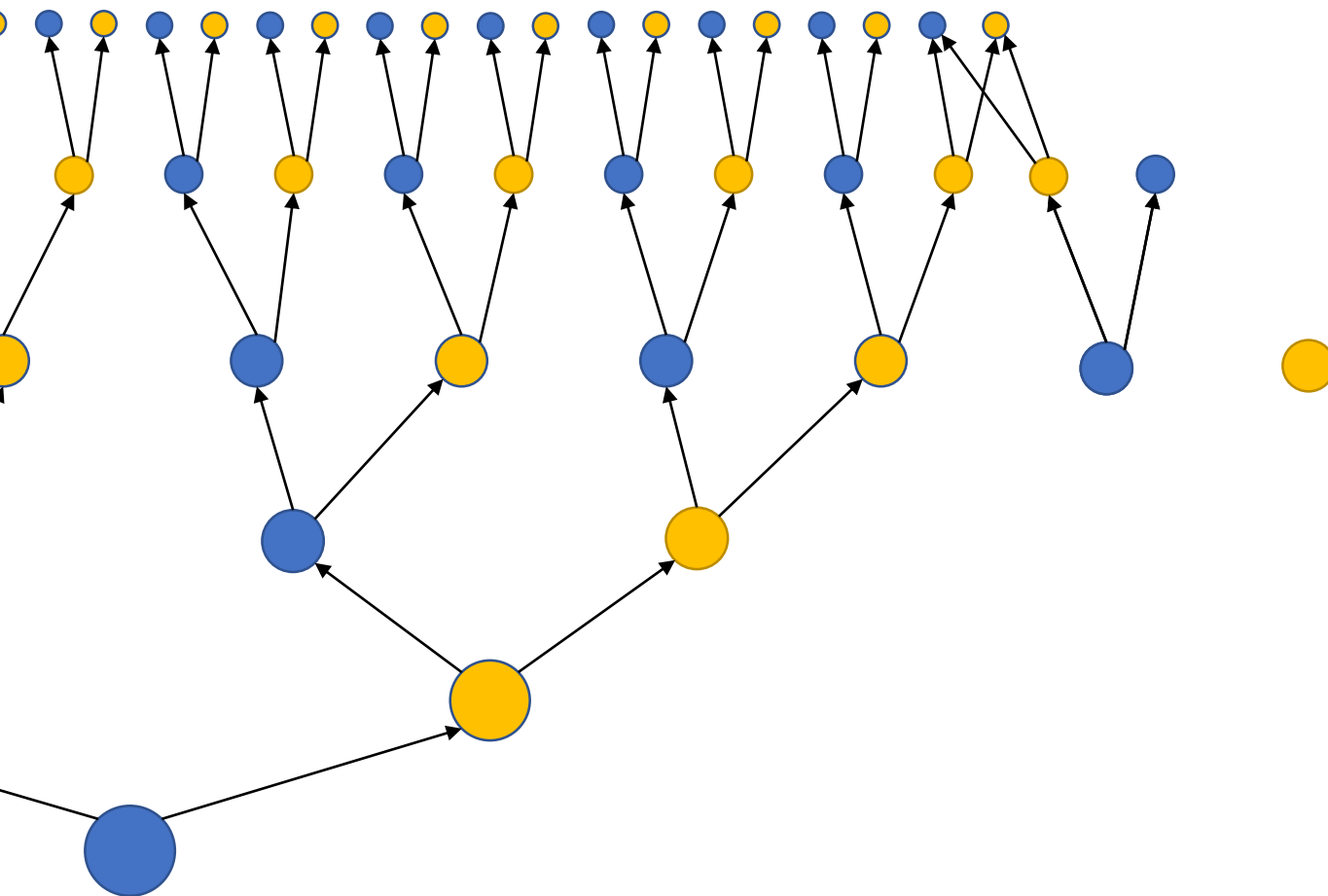


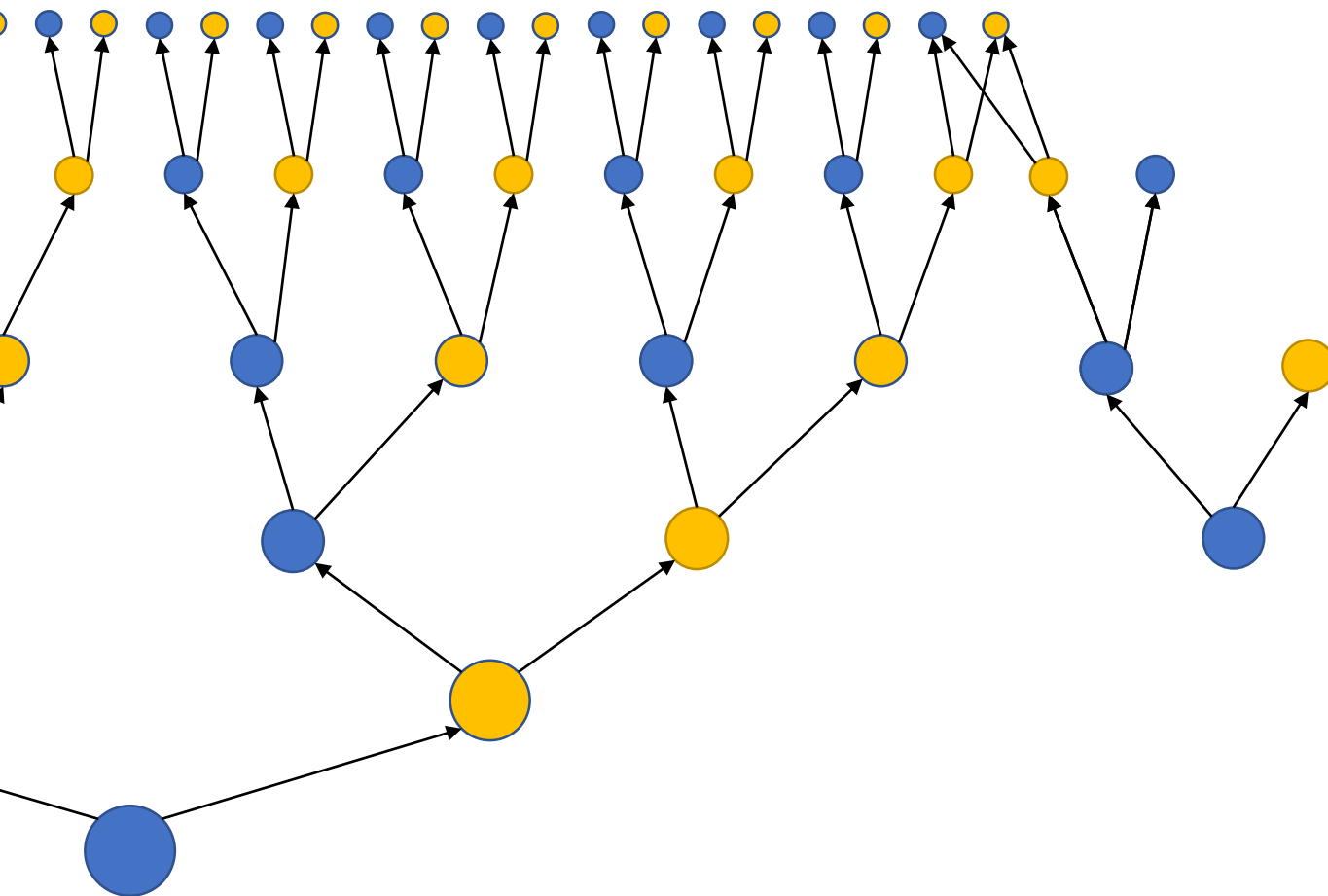


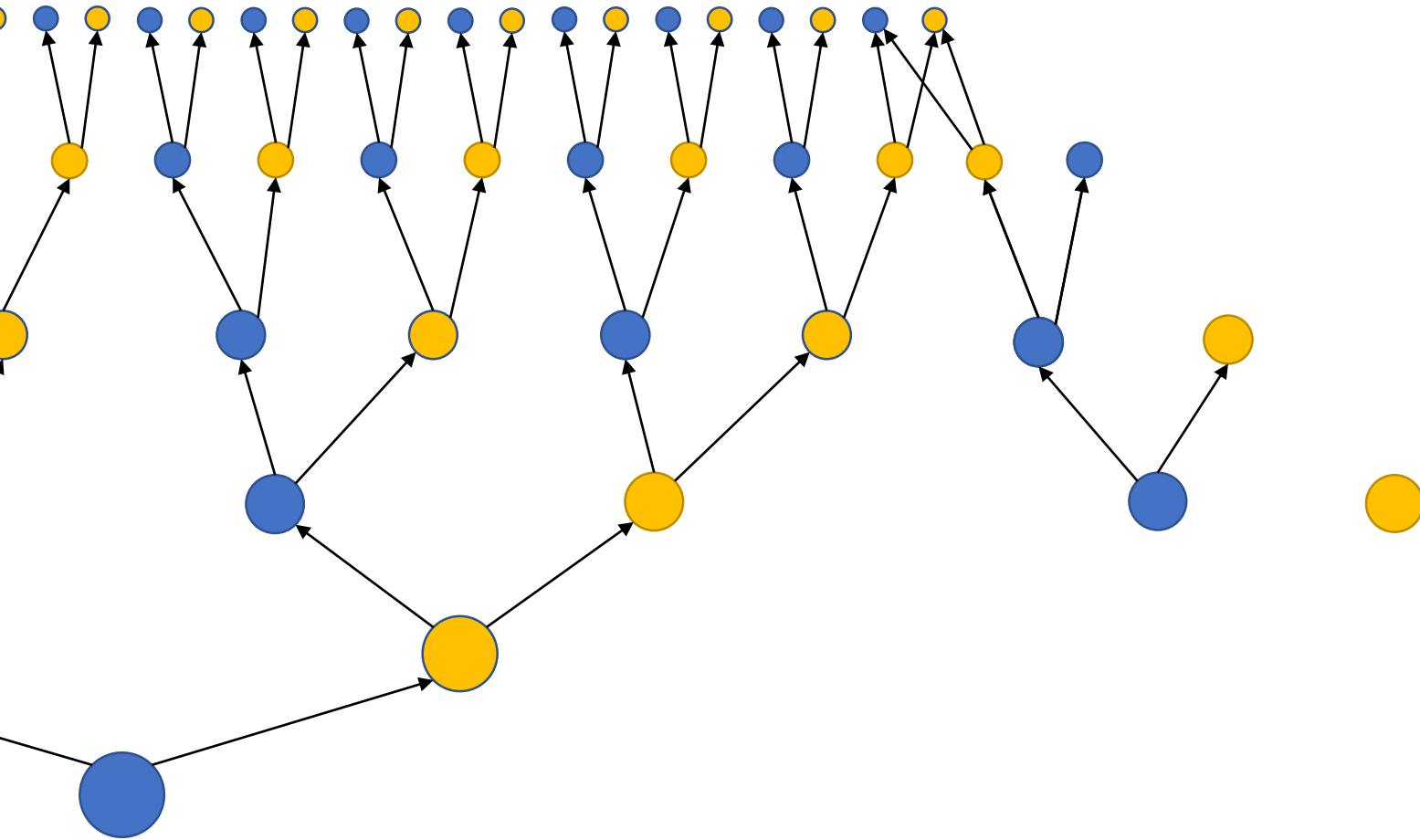


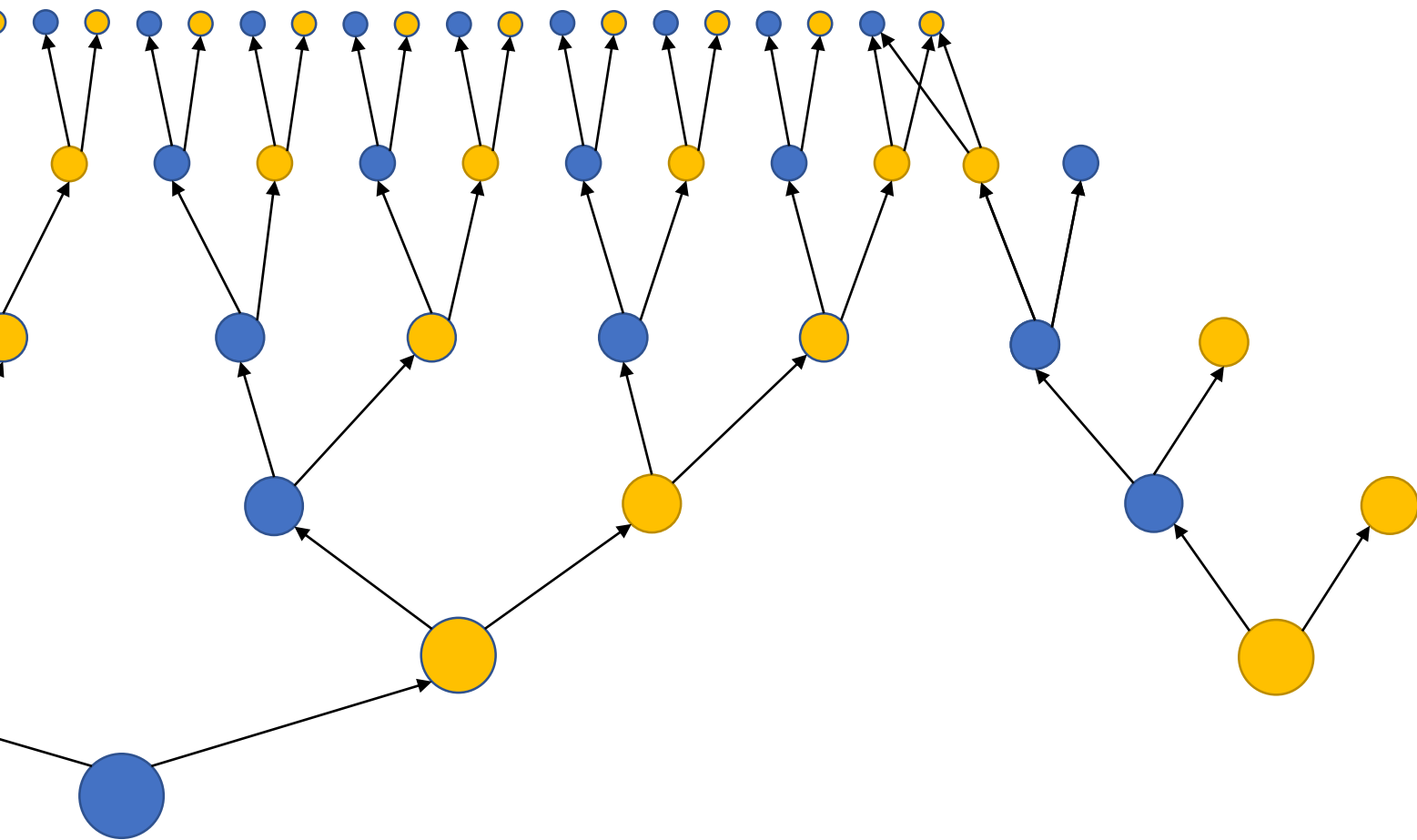
Welcome to DNAGedcom

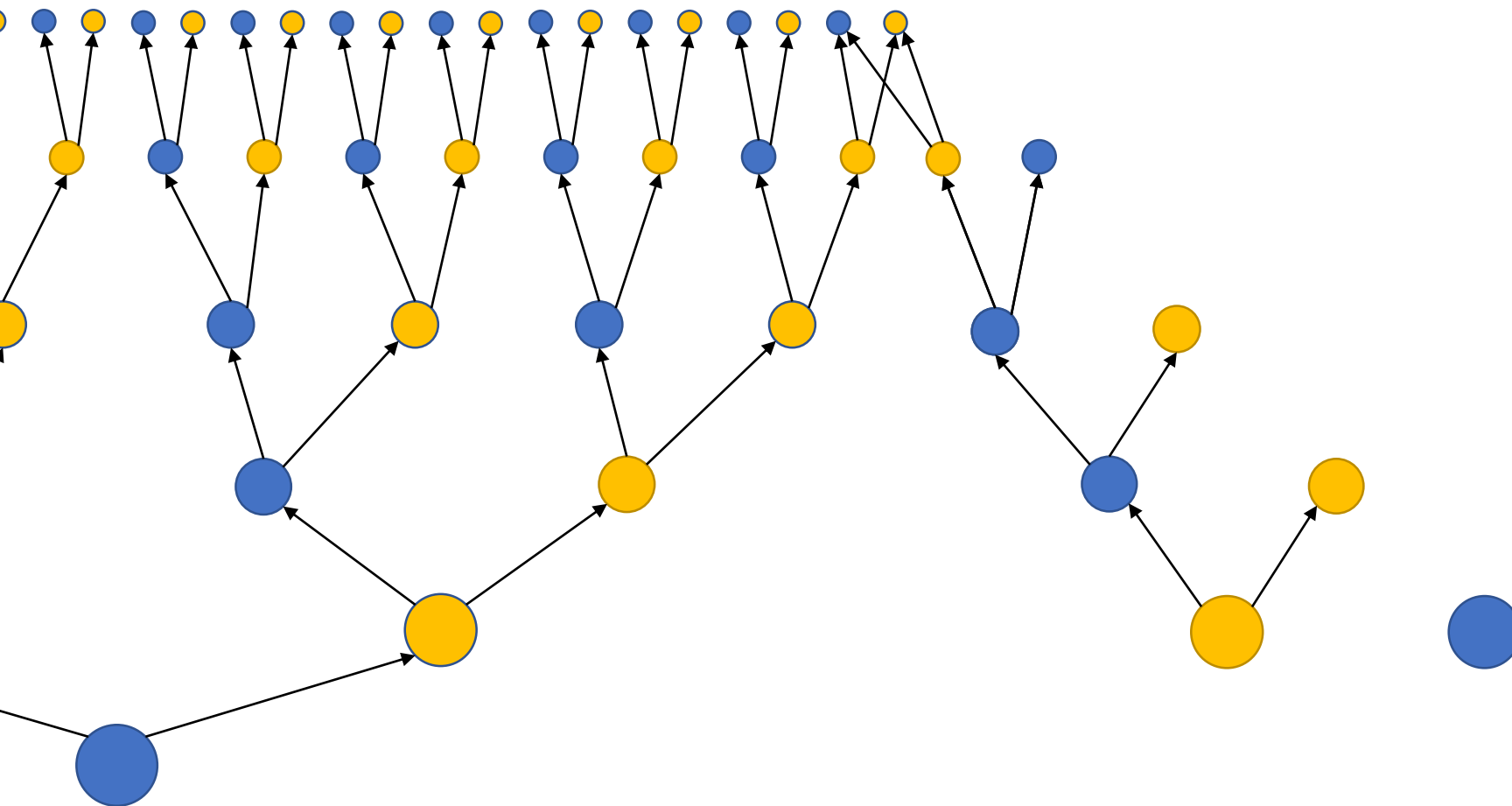


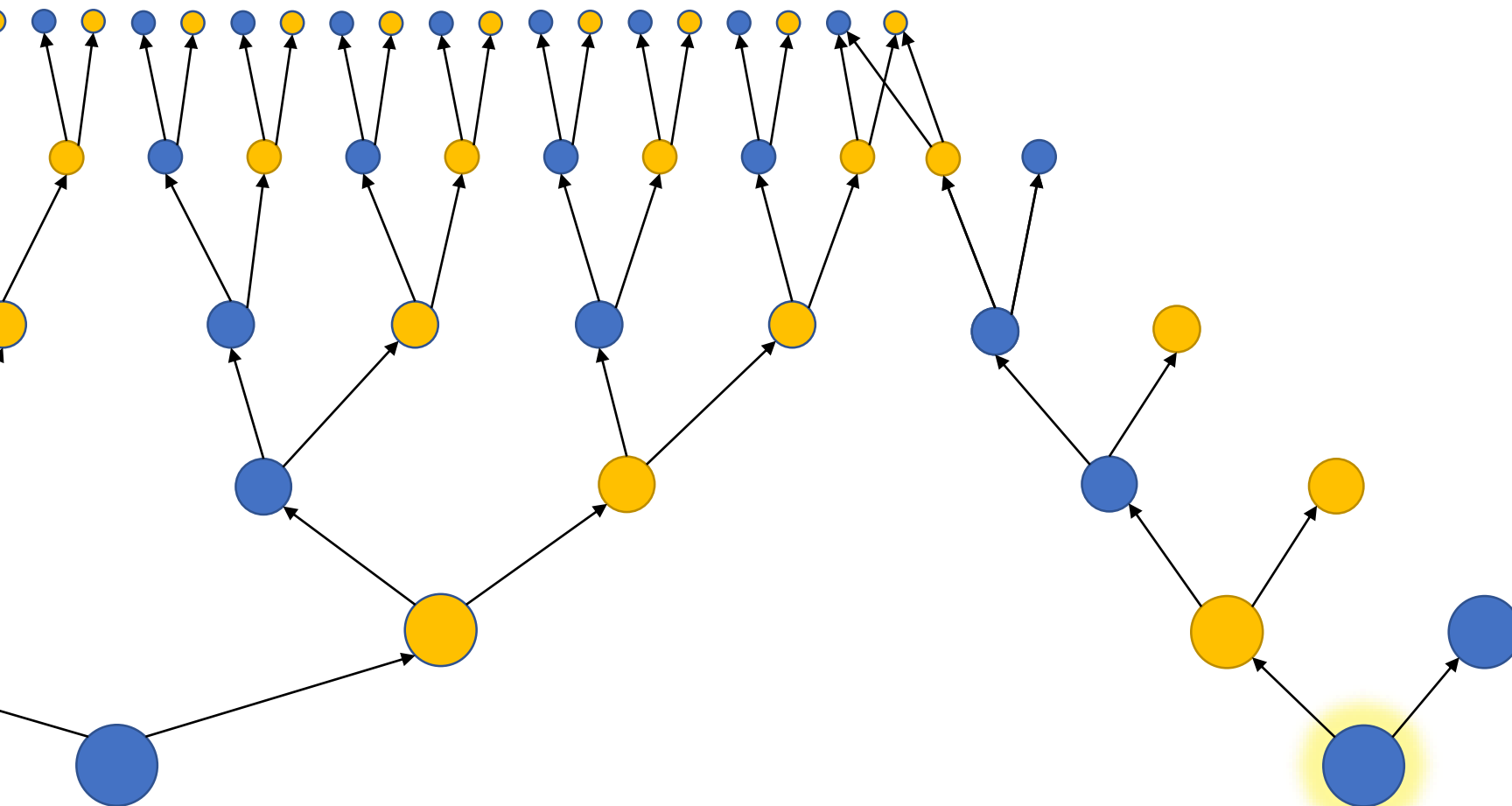


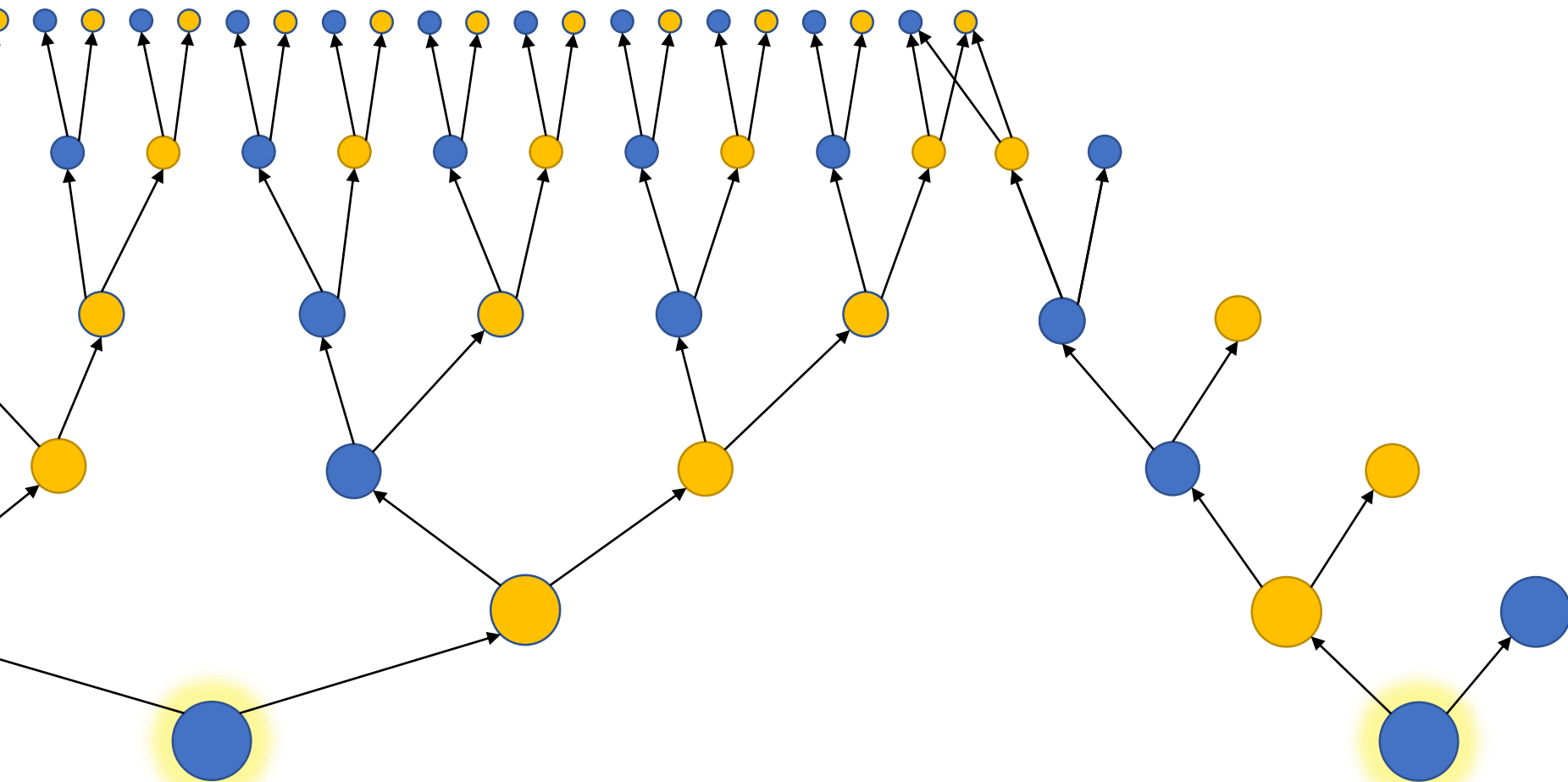


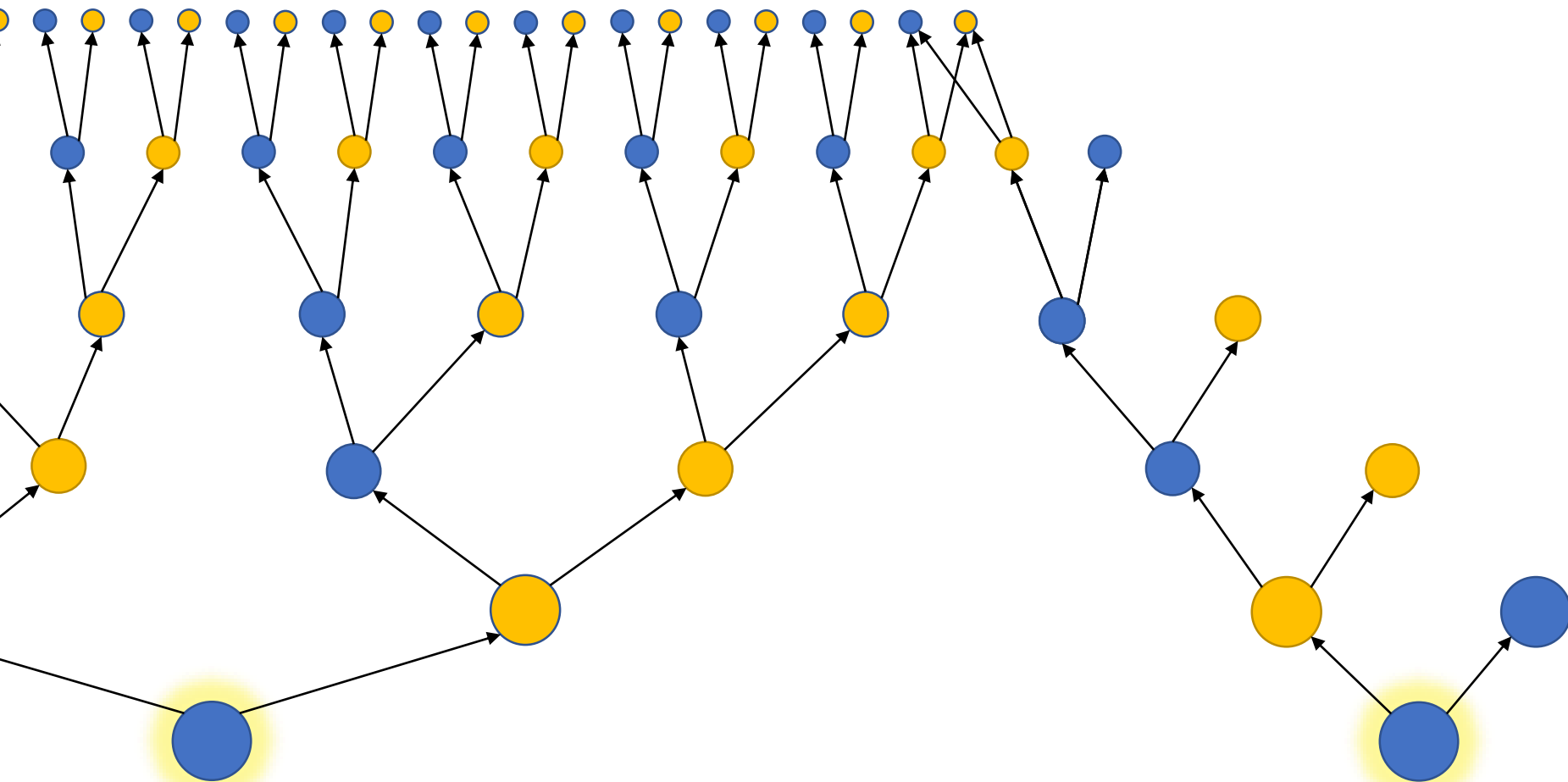


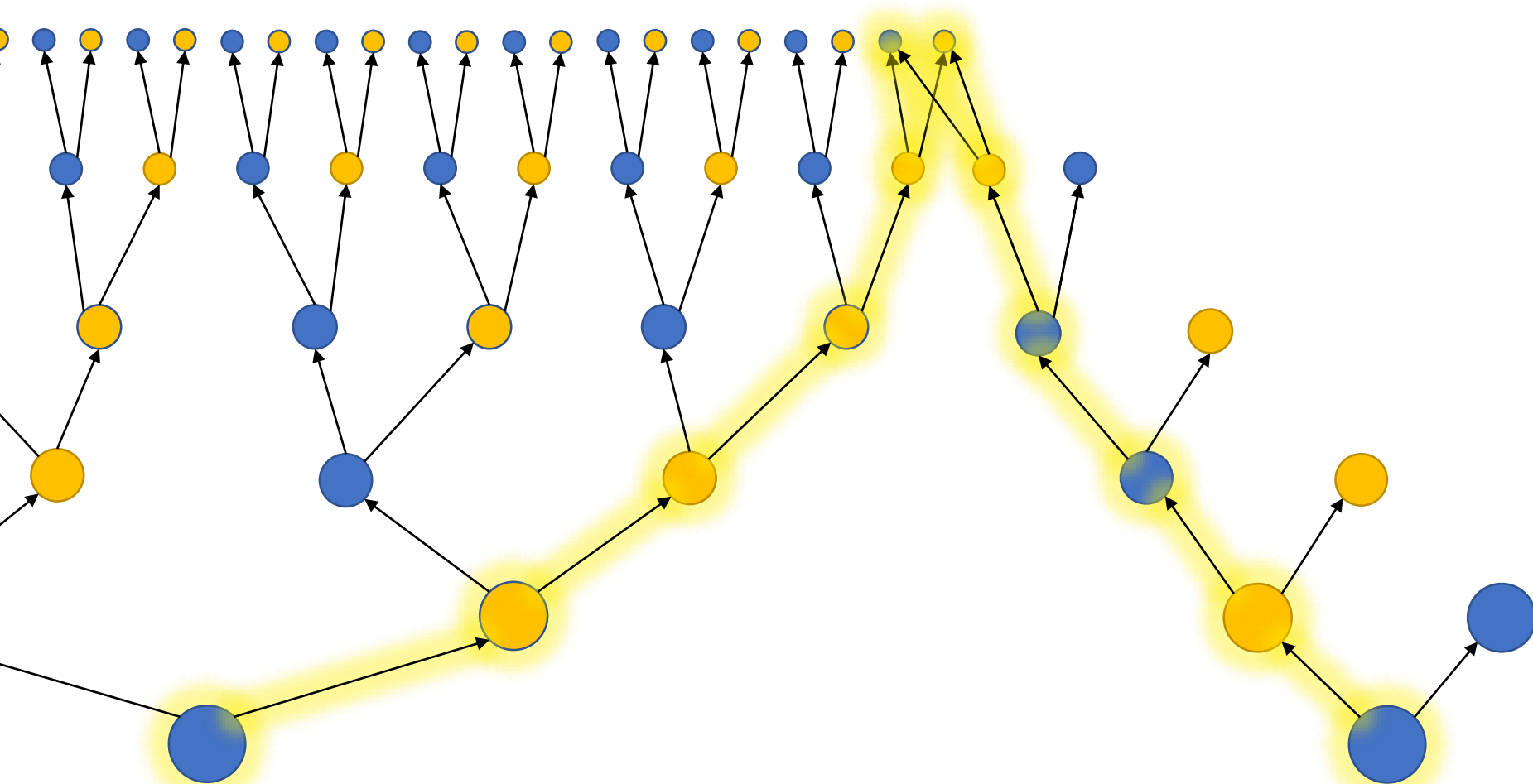












OVERVIEW & SUMMARY



0) Preparation:

DNAGedcom Client Ancestry Download
DGC FTDNA Download & Sync
DNAGecom GEDmatch Download
GEDmatch Matching Segement Search
GEDmatch Triangulation

1) Identify a match of interest to investigate:

GEDmatch one-to-many
GEDmatch one-to-one
GEDmatch X one-to-one

2) Identify matches that are In-Common-With (ICW) your match of interest:

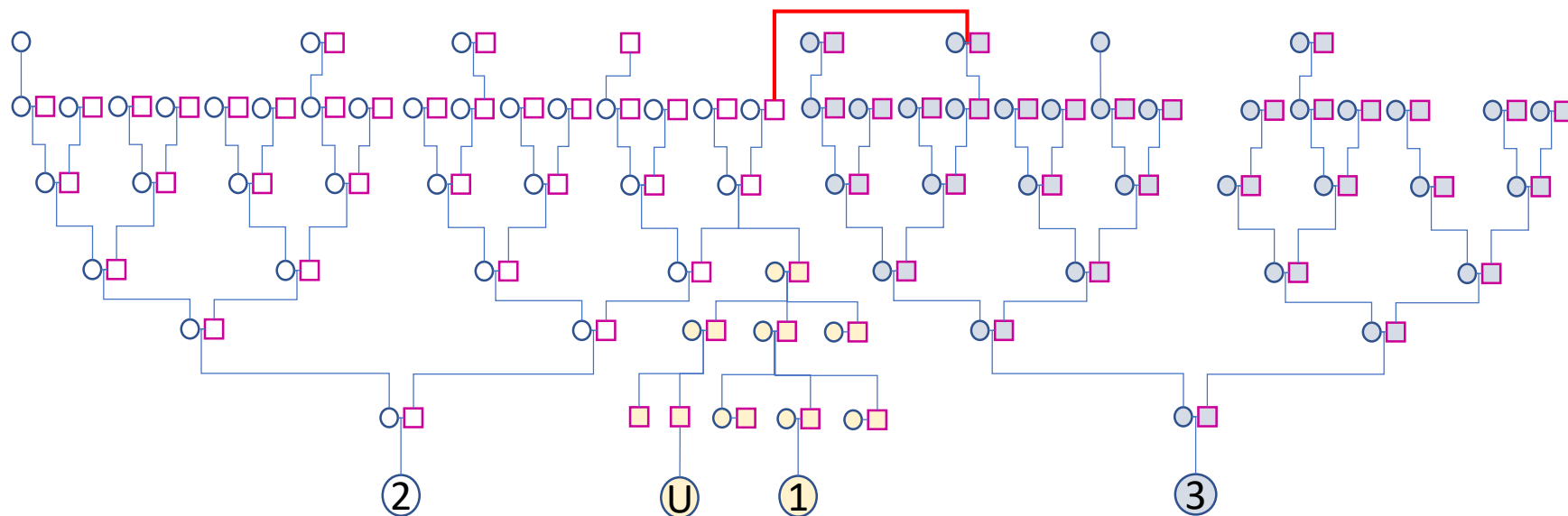
GEDmatch A-Matrix
GEDmatch People Who Match Both Kits
DNAGedcom KWORKS
DNAGedcom ADSA
DNAGedcom Client Match-O-Matic
GEDmatch Triangulation Groups

3) Search the trees of your match of interest and ICW matches for a Common Ancestor:

DNAGedcom GWORKS
GEDmatch GEDCOMs
GEDmatch GEDCOM + DNA Match

GWOKS indicated "Tool" is a common surname in Middle Cousin's (2) & Distant Shared's (3) Tree

Dusty Tool is the ancestor of Middle Cousin (2), you discover she is the daughter of Broke & Bent Tool who are Distant Shared's (3) ancestors



2 = Name: Middle Cousin
 70cM / 4 segment
 Tested at ancestryDNA
 Has GEDCOM at GEDmatch
 Has tree at ancestry

1 = Name: Big Match
 289cM / 47 segments
 Tested at 23andMe
 No GEDCOM at GEDmatch

3 = Name: Distant Shared
 27cM / 1 segment
 Tested at FTDNA
 No GEDCOM at GEDmatch, parents in tree at FTDNA
 (You build tree and upload GEDCOM)

How does GWorks Help

- Find common surnames
- Compare all your trees quickly without using Ancestry
 - Including Mirror Trees
- Find out how your matches match each other
- Quickly search your matches ancestors

Compare all your Trees

Please make sure you've ran the "Match Gedcom Files" button under the "Manage" page on GWorks after you've completed any changes.

- Enter File Name filter for match lists

Filter

[Collapse All](#) [Expand All](#)



Export to Excel						
Compare Level	Surname	Given Name	Sex	Birth Date	Death Date	Files
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
> Exact	Elder	William		1707-01-01	1775-01-01	24
> Exact	Wheeler	Ann		1709-01-01	1739-01-01	19
> Exact	Gerard	Catherine		1696-01-01	1753-01-01	15
> Exact	Finch	Elizabeth		1687-01-01	1729-01-01	14
> Exact	Elder	William		1681-01-01	1714-01-01	13
> Exact	Ogle	Joseph		1707-01-01	1756-01-01	13
> Exact	Elder	Guy		1731-01-01	1805-01-01	12
> Exact	Lorentz	Joannes Rudolph		1668-01-01	1713-01-01	12
> Exact	Reppert	Melchior		1668-01-01	1731-01-01	12
> Exact	Drury	John		1669-01-01	1724-01-01	11
> Exact	Felix	Joannes Theobald		1705-01-01	1777-01-01	11

“Mirror Tree” your tree

Please make sure you've ran the "Match Gedcom Files" button under the "Manage" page on GWorks after you've completed any changes.

- Enter file Name filter for match lists

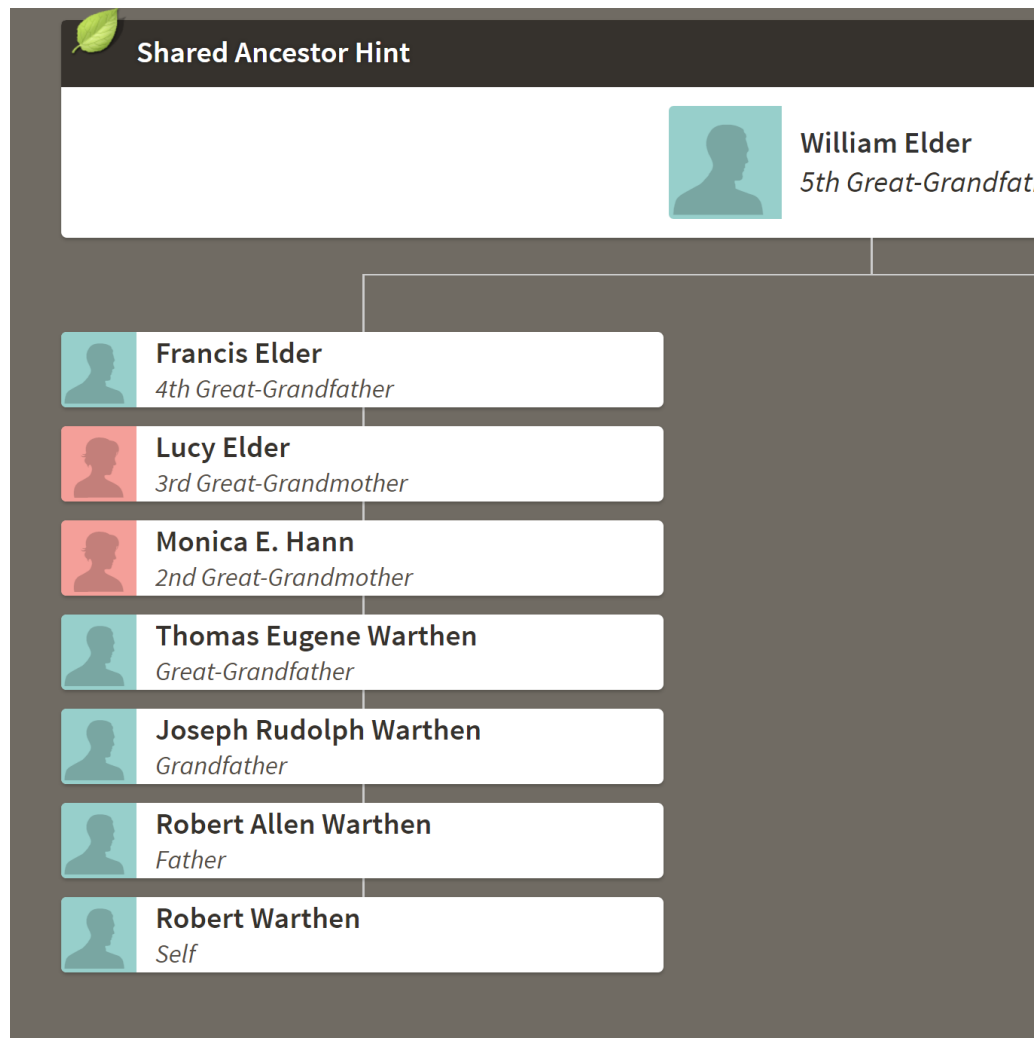
Filter

[Collapse All](#) [Expand All](#)



Export to Excel							
Compare Level	Surname	Given Name	Sex	Birth Date	Death Date	Files	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
> Exact	Elder	William		1707-01-01	1775-01-01	24	
> Exact	Finch	Elizabeth		1687-01-01	1729-01-01	14	
> Exact	Elder	William		1681-01-01	1714-01-01	13	
> Exact	Livers	Arnold		1669-01-01	1751-01-01	11	
> Exact	Livers	Jacoba Clementina		1717-01-01	1807-01-01	11	
> Exact	Lilly	Richard		1728-01-01	1792-01-01	7	
> Exact	Bennett	Esther		1699-01-01	1728-01-01	6	
> Exact	BOARMAN	MARY		1660-01-01	1721-01-01	6	
> Exact	Lilly	Samuel		1699-01-01	1758-01-01	6	
> Exact	Mills	John		1687-01-01	1760-01-01	6	

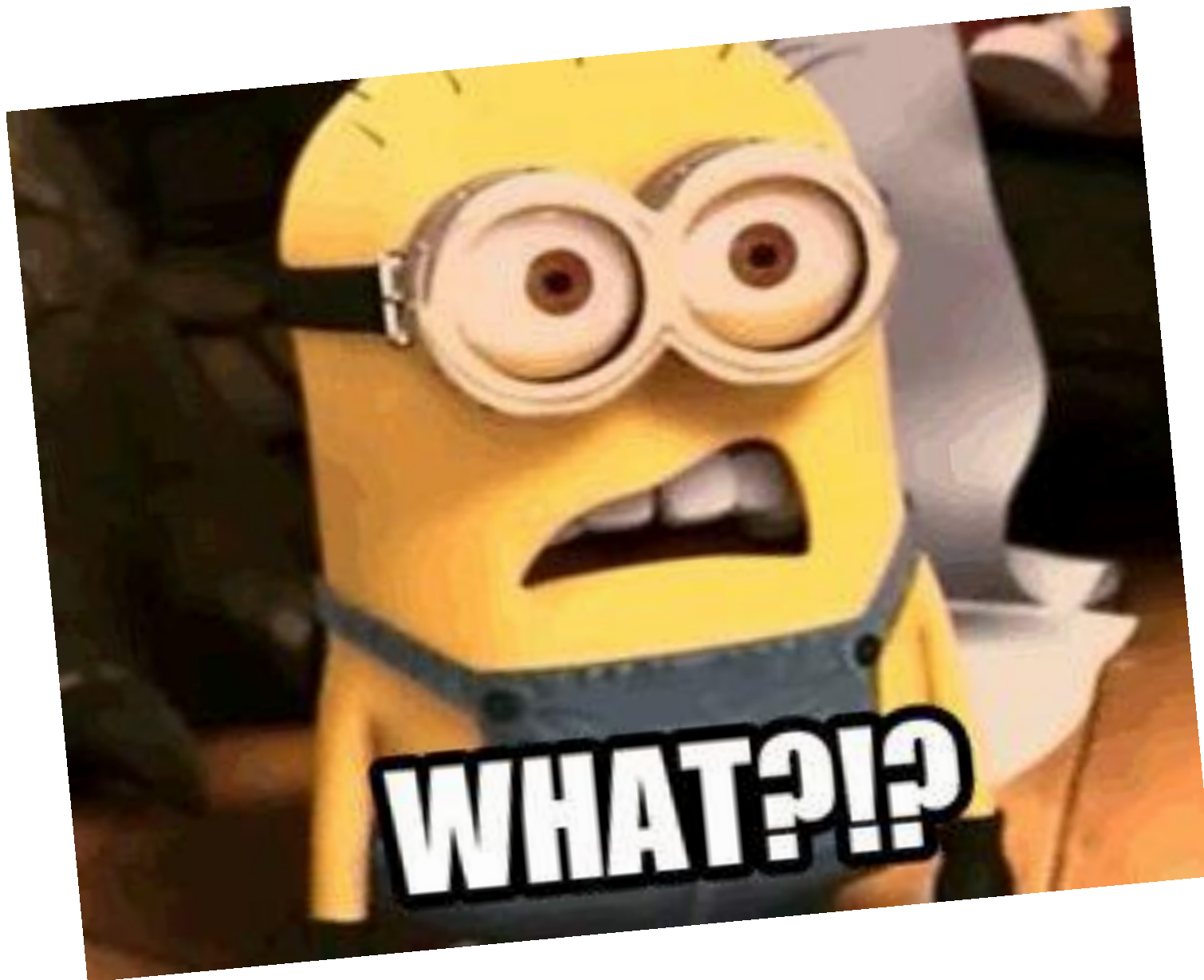
Guess What?
William Elder
IS my 5th
Great-
Grandfather

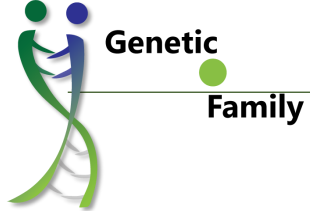


How do I use Mirror Trees

- Create the prospective tree and name it unique
- Upload Tree to GWorks
- Run Match Gedcom Files
- Run Compare all your Trees
- REPEAT

EASY





Intro to Genetic.Family



Genetic



Family

Difference

- Built from ground up to be fully integrated
- Built from ground up for ease of use
- Will add opt-in sharing capabilities
- Will add more visualization capabilities

Uploading Data

Uploads for Robert Warthen

New Upload

File Type:

File Type ▼

Upload History

Ancestry

Upload Date: 5/29/2018 5:06:54 AM

Status: Pending Processing

Match File

Filename: m_Robert_Warthen.csv
Status: Done!

ICW File

Filename: icw_Robert_Warthen.csv
Status: Done!

Ancestors File

Filename: a_Robert_Warthen.csv
Status: Processing:

34%

Updated Screens

MyTools

Searching my Matches

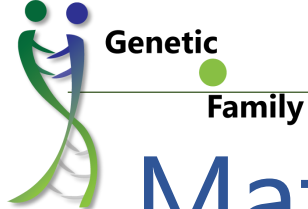
You can search your matches by various key identifiers, such as Shared CM, and Surname

[Search Now](#)

Chromosome Comparison

You can compare the detailed Chromosome information for your Matches

[Compare Now](#)



Match Search

Match Search

Contains Surname

Name

Hint

Starred

Shared cM

 -

Admin

Scanned

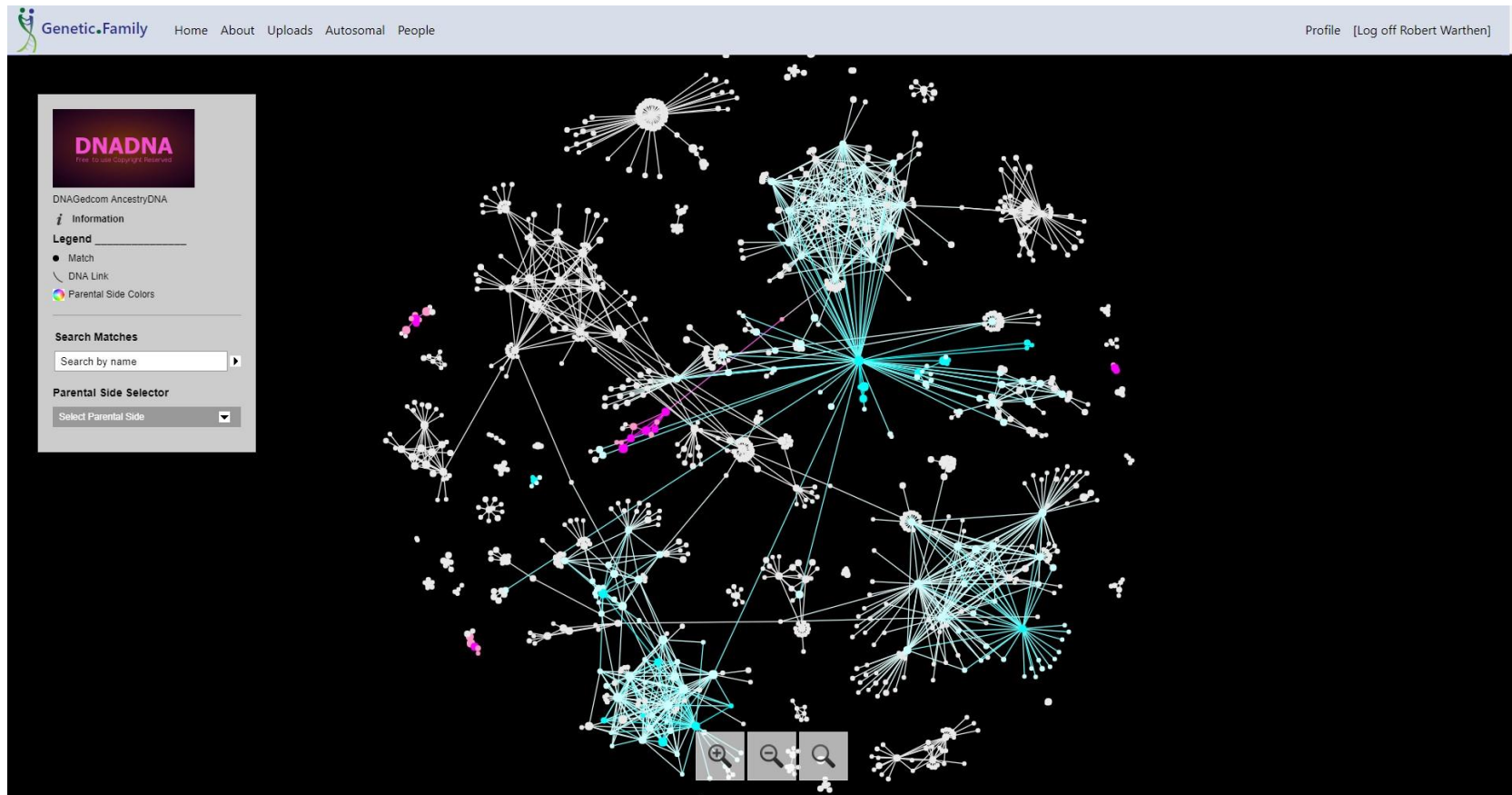
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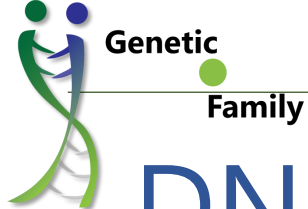
HasNote

Apply Filters

Name	Admin	Shared cM	Range	# People	Hint	Starred	Note	Scanned Date
Emily Akiyama	Emily Akiyama	1697.417	Close Family	0	No	No		2018-04-17
Charles Warthen	ghanley59	1571.897	Close Family	16	Yes	No	NOTE	2018-04-17
Pamela Brown	Pamela Brown	1133.493	First Cousin	0	No	No		2018-04-17
kitcat254	kitcat254	928.324	First Cousin	0	No	Yes		2018-04-17
jeffery smith	jeffery smith	631.765	Second Cousin	6	No	No		2018-04-17
Kayla Miller	Kayla Miller	393.638	Second Cousin	115	Yes	No		2018-04-17
Deirdre Rudisill	Deirdre Rudisill	344.415	Second Cousin	11	Yes	No		2018-04-17

Genetic Graphs





DNAGedcom

- DNAGedcom site is not going anywhere
- 100% Privacy will continue
- DNAGedcom Ecosystem where you can build and work with your data will continue

Coming Soon

mitoYDNA.org

Crowdsourced, free and accessible DNA

Finding the Time



Help

- DNAGedcom User Group -
<https://www.facebook.com/groups/DNAGedcomUserGroup/>
- DNAGedcom Front Page – Links to other resources
- Take a class at DNAAdoption
 - Hands on and questions answered class
 - <http://moodle.dnagedcom.com/>
- Just Ask, be patient and dive in

Questions

