Transferring your autosomal DNA results to other Databases

- You can export raw data from your test results and import into a 3rd Party.
  - Increases your chances of finding a valuable match & provides alternative tools such as a chromosome browser.
- AncestryDNA & 23andMe (v3 only - ~Nov 2010-Nov 2013) results can be imported into FTDNA (free to import/$39 for full tool usage.)
- Results from all 3 major vendors can be imported into GEDMatch.com for free.
  - Other 3rd party sites include: https://dna.land/, www.math.mun.ca/~dapike/ff23utils, http://dnagedcom.com/
  - See a thorough list at: http://www.isogg.org/wiki/Autosomal_DNA_tools

The process:
- Export your raw data from your DNA testing site
- Save that file onto your computer
- Import your raw data into your target DNA site(s)

Detailed instructions follow:
I   How to **export** your raw data from AncestryDNA
II   How to **export** your raw data from FamilyTreeDNA (FTDNA)
III   How to **import** your raw data into FamilyTreeDNA (FTDNA)
IV   How to **import** your raw data into GEDMatch

I   How to export your raw data from AncestryDNA

- Go to http://dna.ancestry.com/ and sign in as usual.
- Your Ancestry home page is displayed.
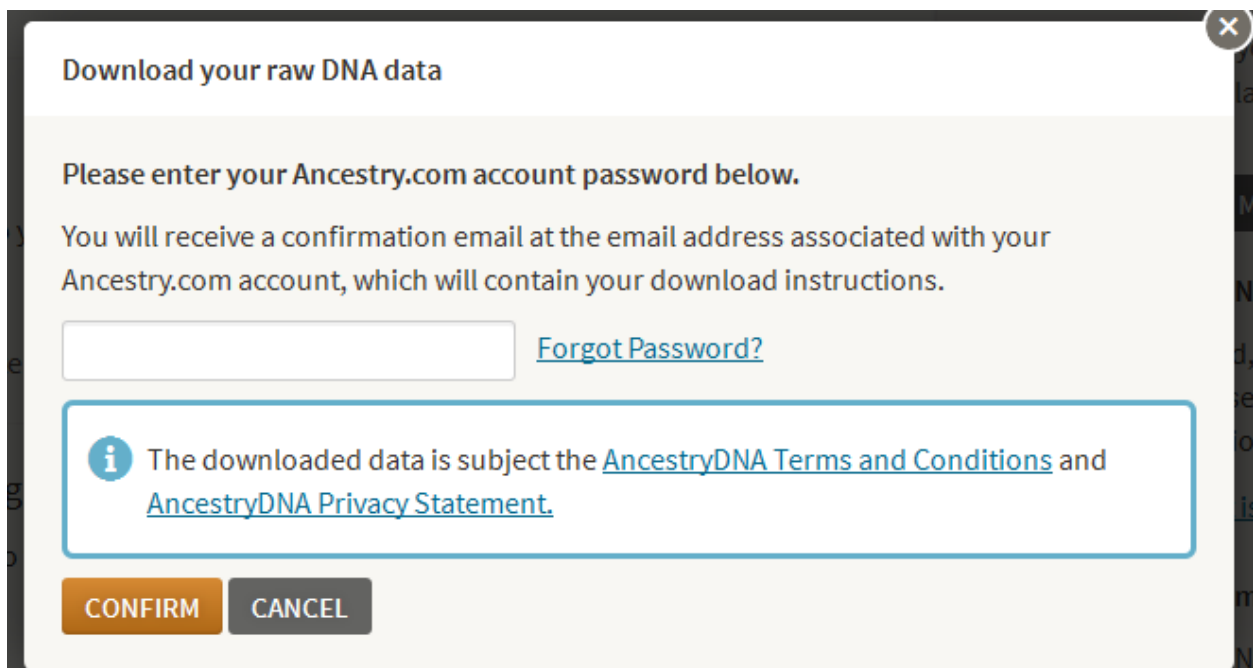- On the right side of the page, click **Settings**.

⚙ SETTINGS

- Your *Test Settings* page is displayed.
- On the right side of the page, in the *Download your raw DNA data* section, click **Get Started**.
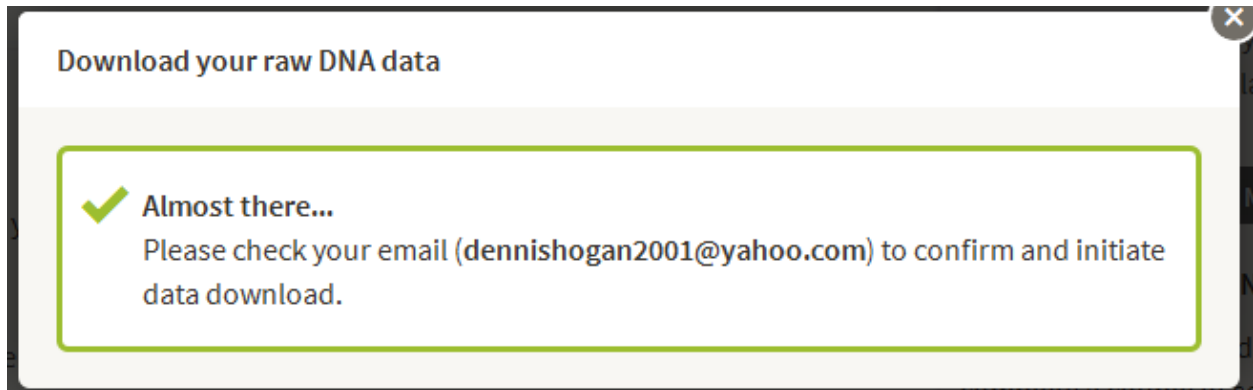
Download your raw DNA data

To begin the download, you will need to complete a couple of security steps to protect your information.

GET STARTED   What is Raw DNA data?

- The *Download your raw DNA data* window is displayed.

Download your raw DNA data   ✕

Please enter your Ancestry.com account password below.

You will receive a confirmation email at the email address associated with your Ancestry.com account, which will contain your download instructions.

[   ]   Forgot Password?

ⓘ The downloaded data is subject the AncestryDNA Terms and Conditions and AncestryDNA Privacy Statement.

CONFIRM   CANCEL

- Enter your password in the empty field and click ***Confirm***.
- A window requesting that you check your email is displayed.

Download your raw DNA data

✔ Almost there...
Please check your email (dennishogan2001@yahoo.com) to confirm and initiate data download.

- Check for an email from AncestryDNA with the subject line *Your request to download AncestryDNA raw data*.
- In the email, click ***Confirm Data Download***.
- The Download DNA Raw Data screen displays.
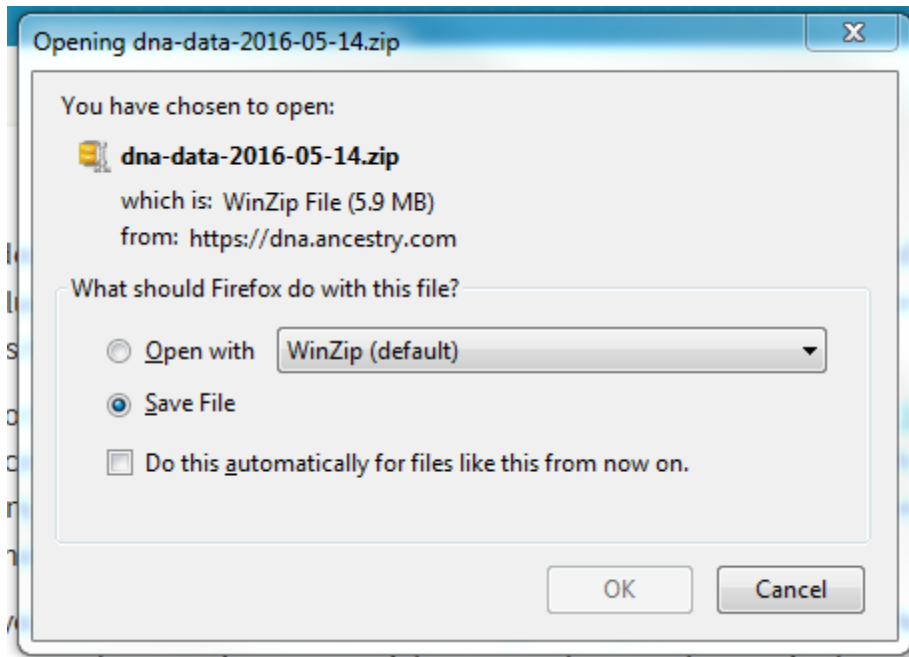

Download DNA Raw Data

This data download link can only be used once and, if unused, will expire after 7 days. To download your data after the expiration, you will need to initiate the process again through your AncestryDNA account on the website.

⬇ DOWNLOAD DNA RAW DATA   *Please only click the button once and do not close your browser window.*
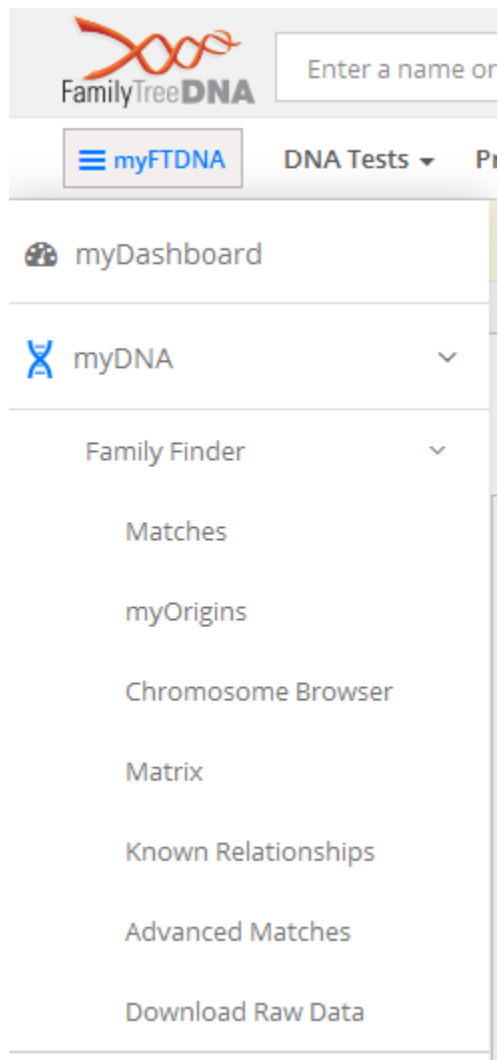
- Click ***Download DNA Raw Data*** (green icon) to download your raw data file.
- Leave in zipped format (.zip) for importing to FTDNA & GEDMatch (other 3rd party sites may require a different format).
- Save to a location where you will be able to find the file.

Dialog box titled "Opening dna-data-2016-05-14.zip"

You have chosen to open:

dna-data-2016-05-14.zip

which is: WinZip File (5.9 MB)
from: https://dna.ancestry.com

What should Firefox do with this file?

○ Open with   WinZip (default) ▼
● Save File

☐ Do this automatically for files like this from now on.

[OK]   [Cancel]

- Do not rename the file, because the receiving site may make decisions based on the external file name.
- Store the file in a folder whose name helps you understand its contents
  - Since you may over time purchase kits from multiple vendors, include the vendor name in the folder name.
  - Since you may over time manage DNA for multiple people, include the person's name in the folder name.
  - Example: RawDataAncestrySmithJohn would indicate that the contents are raw data downloaded from AncestryDNA for John Smith.

II   How to export your raw data from FamilyTreeDNA (FTDNA)

- Go to https://www.familytreedna.com/ and sign in as usual.
- Your myFTDNA page is displayed.
- On the menu bar, click **myFTDNA** > **MyDNA** > **Family Finder** > **Download Raw Data**.

- The *Download Your Data* screen displays.

Download Your Data

Raw Data & Print Reports

• • •

Build 37 Autosomal Raw Data
(GZIP, CSV)

Build 36 Autosomal Raw Data
(GZIP, CSV)

Build 37 X Chromosome Raw Data
(GZIP, CSV)

Build 36 X Chromosome Raw Data
(GZIP, CSV)

Build 37 Raw Data Concatenated
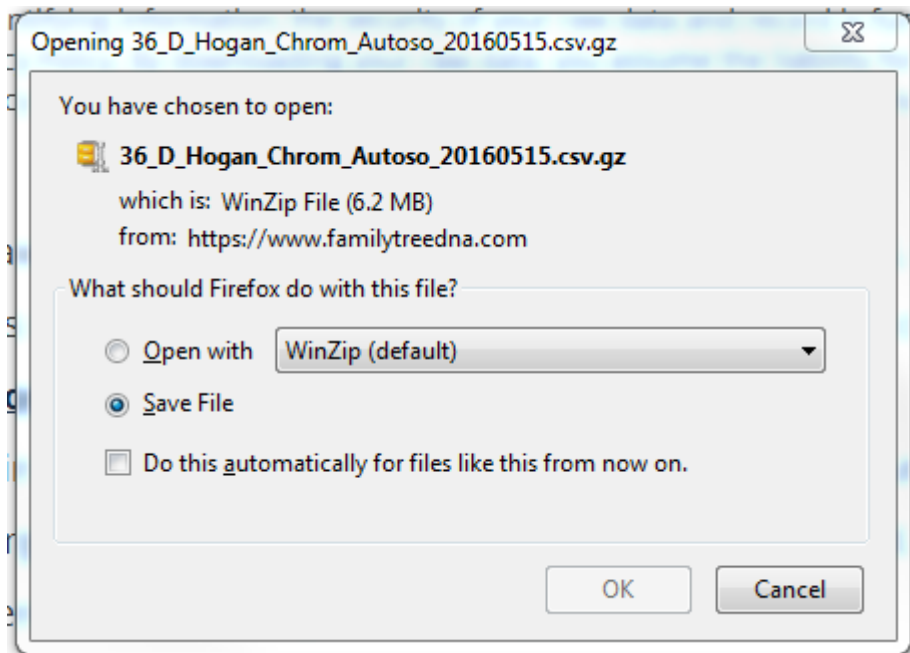*(GZIP, CSV)*

Build 36 Raw Data Concatenated
(GZIP, CSV)

- If you are going to import into GEDMatch, click **Build 36 Raw Data Concatenated** to download your raw data file. (Other 3rd party sites may require a different file selection.)
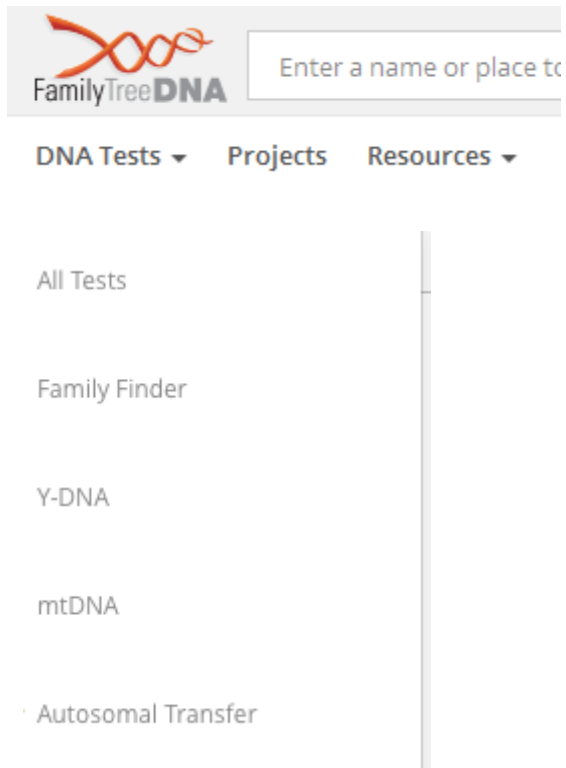
Build 36 Raw Data Concatenated
(GZIP, CSV)

- Leave in zipped format (.gz) for importing to GEDMatch (other 3rd party sites may require a different format).
- Save to a location where you will be able to find the file.

- Do not rename the file, because the receiving site may make decisions based on the external file name.
- Store the file in a folder whose name helps you understand its contents
  - Since you may over time purchase kits from multiple vendors, include the vendor name in the folder name.
  - Since you may over time manage DNA for multiple people, include the person's name in the folder name.
  - Example: RawDataFTDNASmithJohn would indicate that the contents are raw data downloaded from FamilyTreeDNA for John Smith.

III   How to import your raw data into FamilyTreeDNA (FTDNA)

- Go to https://www.familytreedna.com/
- The home page displays.
- On the menu bar, click **DNA Tests** > **Autosomal Transfer**

- The *Discover new matches for FREE* screen displays.

- Fill in the form. Enter first name, last name, & email address. Check the box for "I agree to the …" (You should read the Terms of Service & Release Forms.)
- If you do not have a FTDNA account, ignore the *Already have a Family Tree DNA account?* link.
- Click **Try it Free!**
- The *Upload your Ancestry DNA or 23andMe (V3) raw data* window displays.

- Click ***Upload Raw Data***
- Select your raw data file that you saved on your computer.
- You will receive an email after your raw data is processed.
- As a free user of FTDNA, you will have access to your top 20 matches and limited access to FTDNA tools.
- You will be given the opportunity to pay $39 to gain access to all matches, tools, and myOrigins.
  - If you do pay for full access:
    - In *My Profile* (in the dropdown under your name & kit number) under *Personal Profile*, enter a Surname List
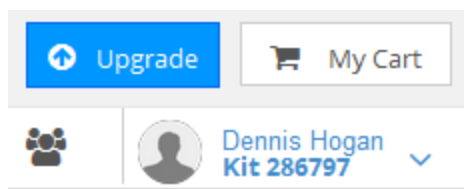
- You should also upload your family tree (optional).
  - You must create a GEDCOM file (.GED or .ged). A GEDCOM file can be exported by a genealogy program or an online tree. Here is a general description of how to do this: http://genealogy.about.com/od/family_tree_software/qt/How-To-Create-A-Gedcom-File.htm
  - After you have created a GEDCOM file, on the menu bar, click **myFTDNA** > **Upload GEDCOM**
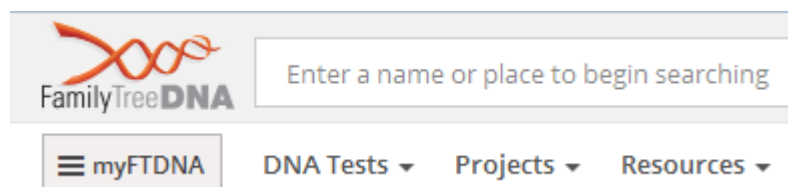
- Go through all tabs at *My Profile* & *myFTDNA* to make sure the content and settings are what you want.

IV   How to import your raw data into GEDMatch

- Go to https://www.gedmatch.com
- The home page displays which includes:

Not Registered? Click HERE

Forgot your password or wish to change your password? Click HERE

Site policy: Click HERE

- The Site policy is informative. Probably you should read the policy before registering. Click on **HERE** by *Site policy.* Return to the home page after reading.
- You must register which is free. Click **HERE** by *Not Registered?*
- The User Registration page displays. Fill in the blanks and click **Register**.
- A window requesting that you check your email is displayed.

An email has been sent to dennishogan2001@yahoo.com with a 'Registration Confirmation Code'.
Please copy that code from your email, and paste it in the space below.
Then, click on the 'Confirm' button below to complete the registration process.
Do NOT close this page until you have completed that process, or you will have to start registration over.

If you do **not** receive a confirmation email within a few minutes, click HERE

[   ]

[Confirm]

- Check your email for an email from GEDMatch with the subject line *GEDMatch.com Registration Confirmation Code*
- In the email, copy the confirmation code.
- In the previously displayed window (displayed above), past the code into the empty box, and click **Confirm**.
- The GEDMatch Tools for DNA & Genealogy Research page displays.

[GED match] **Tools for DNA & Genealogy Research**

- In the *File Uploads* section, click on your source of your raw data.
  - o If your source is FTDNA, click **FTDNA concatenated DNA file.**
  - o If your source is AncestryDNA, click **Ancestry.com**.
  - o If you have tested with multiple companies, only do 1 upload and it does not matter which source you use.

File Uploads

Raw DNA file Uploads

We are now accepting the new format FTDNA raw DNA files. The new file format is now available for downloaded from the FTDNA site. Old format files are no longer being accepted.

- FTDNA concatenated DNA file
- WeGene upload BETA
  NOTE: File must be zipped before uploading
- 23andMe
- 23andMe *fast* & easy NEW
- Ancestry.Com
  Do NOT un-zip raw DNA data files before uploading.

Genealogy - Family Trees

- GEDCOM genealogy Upload
- GEDCOM genealogy Upload Fast Beta version

- The *GEDmatch Data Upload* page displays
- Provide entries for the form:

Your Log-in Email Address will be associated with this kit:	dennishogan2001@yahoo.com
Name of Donor: Please use real names here. It will not be displayed if you also enter an alias below.	Dennis Hogan
Alias (optional): If you don't want your full name displayed, you may substitute an alias. Otherwise, leave this blank. If you enter an alias here, it will be shown on report pages instead of the name you entered above. The alias should either be similar to your full name, or the same as the 'screen name' that you use on forums. GEDmatch site administrators reserve the right to remove any alias that is not appropriate in their opinion.	
Sex of the donor?	⦿ Male ○ Female
What is your Mitochondrial haplogroup (if known)?	
Males Only: What is your Y haplogroup (if known)?	
Please acknowledge that you authorize this data to be made available for comparisons in our public database, with results available for use by all GEDmatch users: (You will not be able to make comparisons if it is not in the public database)	⦿ Yes ○ No
Click on "Browse" to find the compressed raw DNA data file on your computer. [Browse...] No file selected.	Click "Upload" to send your raw DNA data file to GEDmatch [Upload]

MAKE SURE YOU WAIT FOR THE NEXT SCREEN, AND THE PROGRESSION DISPLAY THAT SHOWS EACH CHROMOSOME BEING PROCESSED. **THIS PROCESS TAKES SEVERAL MINUTES.** IF YOU DON'T WAIT FOR IT TO FINISH, YOUR DATA WILL NOT BE USABLE.

- Click *Browse* & select your raw data file that you saved on your computer.

Click on "Browse" to find the compressed raw DNA data file on your computer.

[Browse...]   36_D_Hogan_Chrom_Autoso_20160515.csv.gz

- Click Upload to upload your raw data file.

- The *Family Tree DNA raw data file upload* page displays. **DO NOT** leave this page until **ALL** chromosomes have processed & the word *Finished* is displayed at the bottom of the page.

Family Tree DNA raw data file upload V2.1.1

Server IP: 172.31.33.206
Filename: 36_D_Hogan_Chrom_Autoso_20160515.csv.gz
Donor name: Dennis Hogan

Filename (OUT): |dennis_hogan|

Size: 6484719 Bytes

Your FamilyTreeDNA.Com DNA data file has been successfully received at the server. Processing milestones are listed below. T

Your raw data file has been saved on the server. Further processing is shown below. Once this is completed, you will be able to u
You should not need to upload this file again, unless you see an error message below.

Opening file...

Processing file...

Please do not navigate away from this page until all chromosomes have been processed. Chromosome numbers will be displayed

Processing Chromosomes. Please wait...
1 ....2 ....3 ....4 ......5 ......6 ....7 ......8 ......9 ......10 ......11 ....12 ......13 .....14 .....1:
Please wait for conversion to Build 36... this can take several minutes.

Build 36/37 Conversion Complete

Upload complete

Assigned kit number: ████████ **Write this number down.** You will need it to access your DNA data on

Donor Name: Dennis Hogan

Tokenizing generally takes a few minutes after uploading. After that time, this file should be available for one-to-one comparisons

Finished.

- Record your *Assigned kit number*!!

- You should also upload your family tree (optional).
  - You must create a GEDCOM file (.GED or .ged). A GEDCOM file can be exported by a genealogy program or an online tree. Here is a general description of how to do this: http://genealogy.about.com/od/family_tree_software/qt/How-To-Create-A-Gedcom-File.htm
  - GEDMatch does not privatize living individuals, so you are responsible for doing this if you choose.

- After you have created a GEDCOM file, in the *File Uploads* section, click **GEDCOM genealogy Upload**.
- The *GEDCOM Upload* page displays
- Provide entries for the form:

This GEDCOM will be managed under this account:	Dennis Hogan dennishogan2001@yahoo.com
Enter the Name of this GEDCOM. This is usually the most recent descendant in the tree. It may also be a more generic term like 'Mayflower descendants', etc. :	[ ]
Enter a single GEDmatch DNA 'kit number' for the reference person if it is already uploaded to this site. Be sure to include the letter prefix. Do not enter 'phased' or 'combined' kit numbers. Some utilities on this site use this information to link your genealogy to your DNA data. Initially, this DNA kit will be linked to the first person in the GEDCOM. You can add, remove, or change the kit number on the individual detail page of the person you want to link / unlink to a DNA kit. The easiest way to get to the individual detail page is by clicking on 'Search All GEDCOMs' from your GEDmatch home page.	[ ] (Optional)
If ALL FOUR of your grandparents are from the same place, enter that place here: (Otherwise, leave this blank)	[ ]
Do you want the notes and sources to be displayed? Some genealogy software does not remove notes. Notes often contain personal information. Select "No" if you don't want notes displayed.	○ Yes - Show notes on individual detail pages ◉ No - Do not include notes
Click on "Browse" to find the GEDCOM file on your computer. [Browse...] No file selected.	Click "Upload" to send your GEDCOM to GEDmatch. [Upload]

Large GEDCOMs may take several minutes to upload and process. If the upload seems to die, and you get no response for an extended time (30 minutes or more), the server has probably timed out because your GEDCOM is too large. Try reducing the size of your GEDCOM and upload again. If that doesn't help, send an email to the site administrator.

- Click *Browse* & select your GEDCOM file.

Click on "Browse" to find the GEDCOM file on your computer.
[Browse...] DennisHoganAncestors.ged

- Click *Upload* to upload your GEDCOM file.

Email: dennishogan2001@yahoo.com

Donor Name: DennisHogan

Filename (IN): DennisHoganAncestors.ged

Your GEDCOM file has been received. Please stay on this page while addiitonal processing takes place. Proces

Size: 103503 Bytes

Building name table... Please wait...

NOTICE: This GEDCOM was created using character encoding 'ANSI'. GEDmatch stores data internally as U
encoding.

Finished building name table with 33 individuals.

Starting to process family relationships...

Finished processing family relationships.

Each GEDCOM upload requires that the 'donor' or 'point person' be identified. It is sometimes difficult to locate
You can remove that person's DNA kit, or add other DNA kits to be associated with this GEDCOM at any tim
as:

(~~●~~ : I220) Christine Elizabeth Lawrence, 11 Nov 1949

Click on the link above to change the link(s) between this GEDCOM and DNA kits.

Your GEDCOM upload has been assigned ID number ~~●~~
WRITE THIS NUMBER DOWN
You will need to have this to make comparisons to other GEDCOMs

GEDCOM UPLOAD AND PROCESSING HAS BEEN COMPLETED.   7

FINISHED.

- The *GEDCOM upload* page displays. **DO NOT** leave this page until **ALL** processing is complete & the word *FINISHED* is displayed at the bottom of the page.
- Record your *assigned ID number*!!