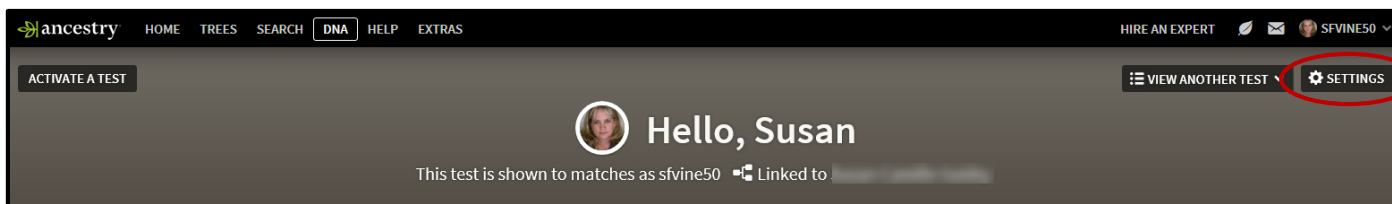
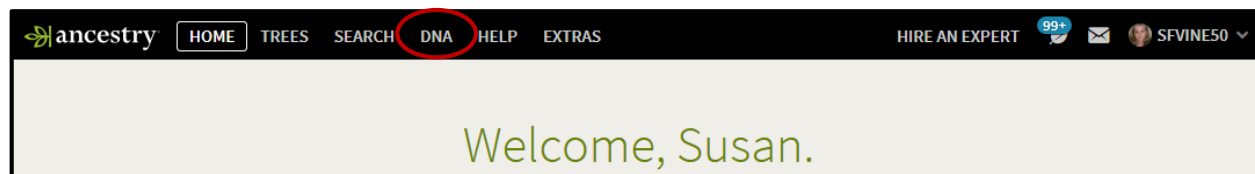


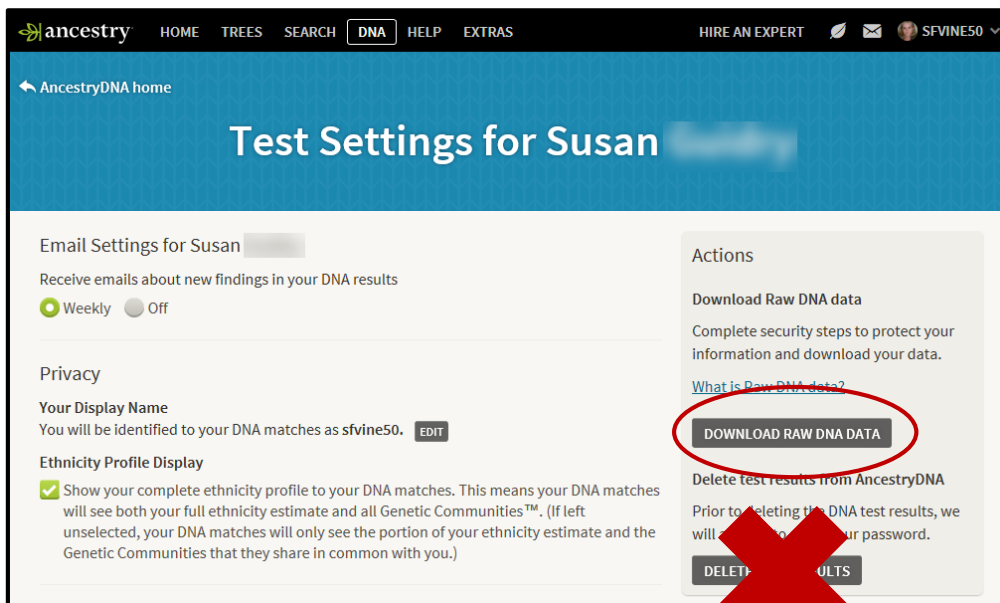
Downloading & Uploading Raw DNA Data

Downloading Raw DNA Data from Ancestry

STEP 1: After logging into Ancestry, go to the Ancestry DNA home page by clicking on DNA from the file menu.



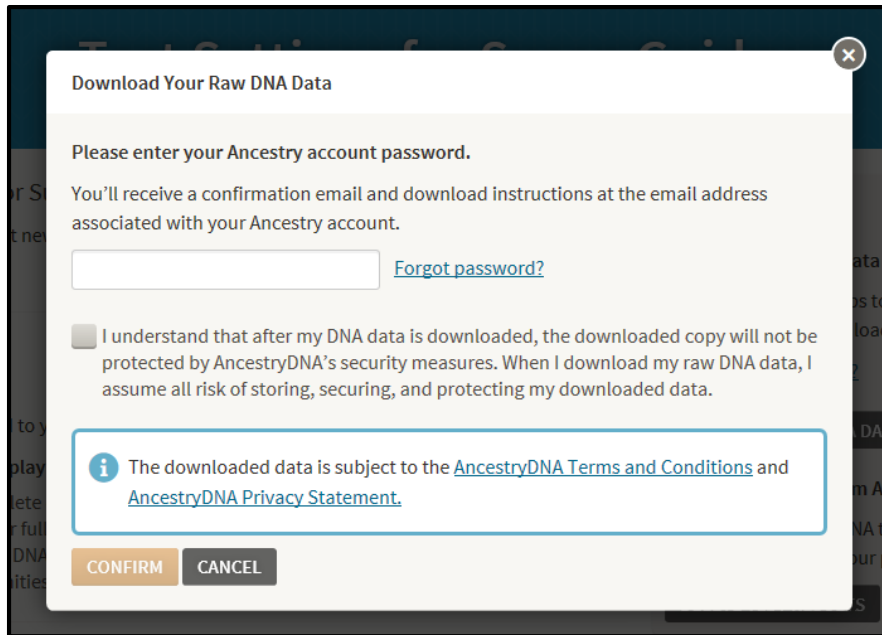
STEP 2: At the DNA home page, click on settings.



STEP 3: Under “Actions” section, select “Download Raw DNA Data”.

WARNING! Please use caution when on this page to avoid inadvertently deleting your DNA results!

Downloading Raw DNA Data from Ancestry



Download Your Raw DNA Data

Please enter your Ancestry account password.

You'll receive a confirmation email and download instructions at the email address associated with your Ancestry account.

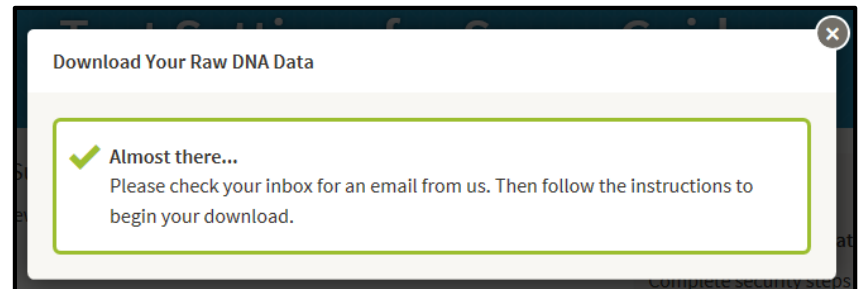
[Forgot password?](#)

I understand that after my DNA data is downloaded, the downloaded copy will not be protected by AncestryDNA's security measures. When I download my raw DNA data, I assume all risk of storing, securing, and protecting my downloaded data.

i The downloaded data is subject to the [AncestryDNA Terms and Conditions](#) and [AncestryDNA Privacy Statement](#).

CONFIRM **CANCEL**

STEP 4: A popup box will open requiring you to re-enter your Ancestry password and acknowledge protection waiver. Enter your Ancestry password and check the check-box. Immediately following this action, another popup box will open directing you to your email.

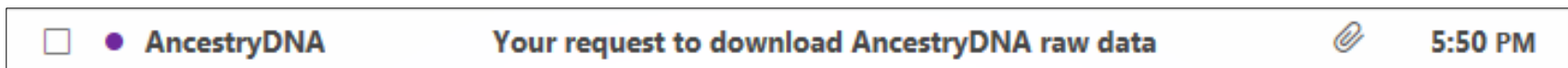


Download Your Raw DNA Data

✓ **Almost there...**
Please check your inbox for an email from us. Then follow the instructions to begin your download.

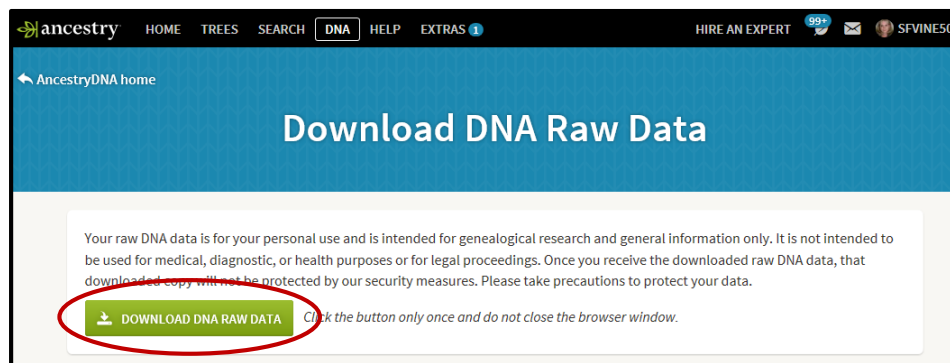
Complete security steps

STEP 5: After about 5 minutes, you should receive an email from Ancestry. The email will contain a link.

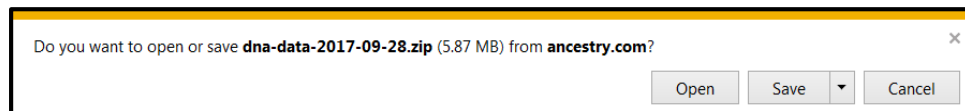


Downloading Raw DNA Data from Ancestry

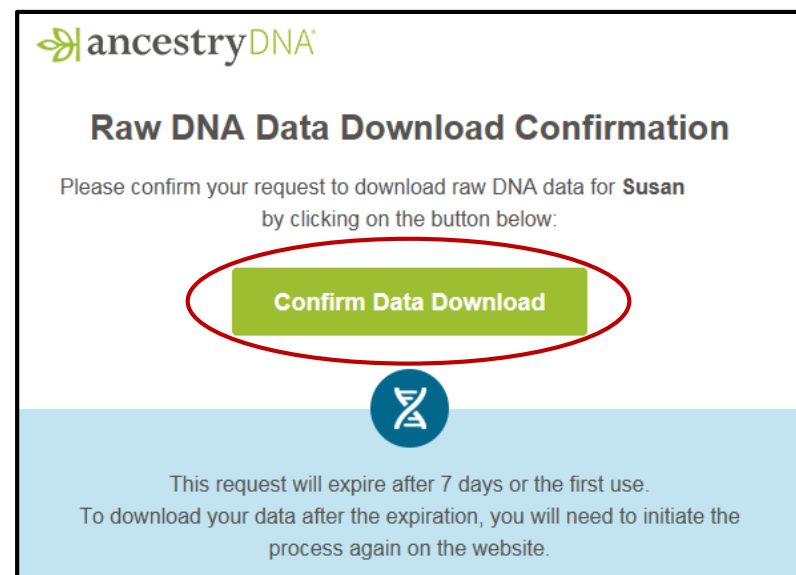
Step 6: Open the email and click on the “Confirm Data Download” link. It’s important to note this link expires after 7 days or after first use.



Step 7: Once the Ancestry DNA page opens click on the “Download DNA Raw Data” button.

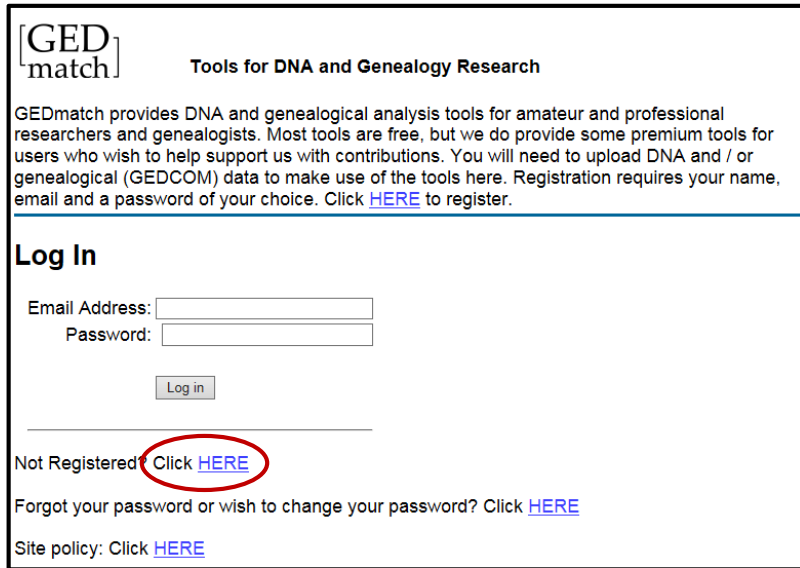


WARNING! Do NOT open or un-zip raw DNA data file before uploading – this will render it useless to GEDmatch!



Step 8: Ancestry will ask where to store the file. Save the zipped file to the destination of your choice. Make note of the name and locations as you will need this in the next step.

Uploading Raw DNA Data to GEDmatch



[GEDmatch] Tools for DNA and Genealogy Research

GEDmatch provides DNA and genealogical analysis tools for amateur and professional researchers and genealogists. Most tools are free, but we do provide some premium tools for users who wish to help support us with contributions. You will need to upload DNA and / or genealogical (GEDCOM) data to make use of the tools here. Registration requires your name, email and a password of your choice. Click [HERE](#) to register.

Log In

Email Address:

Password:

Not Registered? Click [HERE](#)

Forgot your password or wish to change your password? Click [HERE](#)

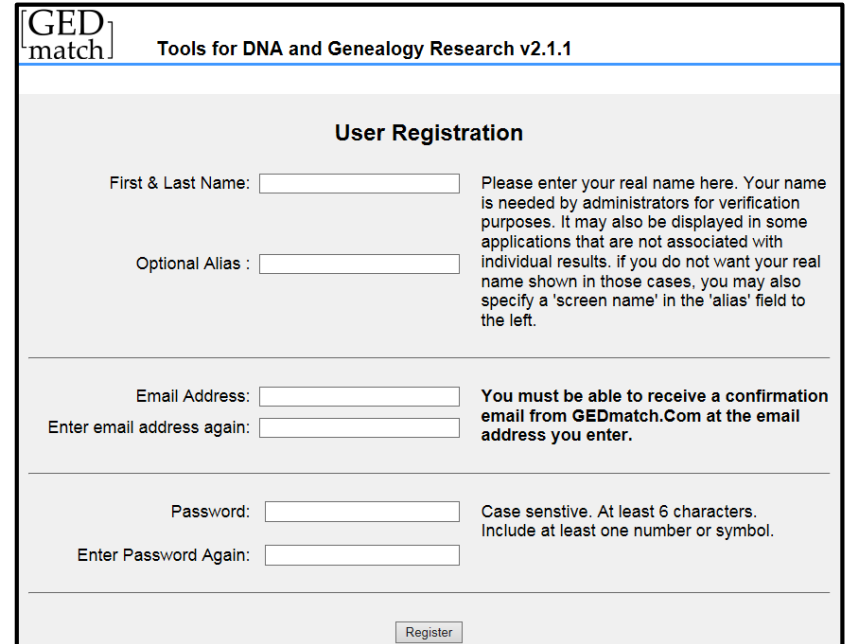
Site policy: Click [HERE](#)

STEP 2: Complete the registration form and click “Register”. Once completed, GEDmatch home page will open.

STEP 1: Access the GEDmatch website by clicking on this link:

<https://www.gedmatch.com/>

Although GEDmatch is a free site it requires users to register. Click link on page and registration form will open.



[GEDmatch] Tools for DNA and Genealogy Research v2.1.1

User Registration

First & Last Name: Please enter your real name here. Your name is needed by administrators for verification purposes. It may also be displayed in some applications that are not associated with individual results. If you do not want your real name shown in those cases, you may also specify a 'screen name' in the 'alias' field to the left.

Optional Alias :

Email Address: You must be able to receive a confirmation email from GEDmatch.Com at the email address you enter.

Enter email address again:

Password: Case sensitive. At least 6 characters. Include at least one number or symbol.

Enter Password Again:

Uploading Raw DNA Data to GEDmatch

STEP 3: Familiarize yourself with the GEDmatch home page.

Profile Section: Where you maintain your profile settings e.g. email, password, etc.

Resource Section: Contains a listing of all kits you have uploaded. The “**” indicate the upload is still in process.

The screenshot shows the GEDmatch website interface. At the top left is the GEDmatch logo and tagline 'Tools for DNA & Genealogy Research'. A 'Log out' button is in the top right. The main content is divided into several sections:

- Information:** Shows the user's profile for 'Susan', a Tier 1 Member with a 'Tier 1 Pass Until 2017-10-06'. It includes a link to 'View/Change your profile (password, email, groups)' and the server IP: 172.31.46.92.
- Learn More:** A list of links including 'Using GEDmatch', 'GEDmatch Forums', 'GEDmatch wiki', 'GEDmatch® FAQ page', 'DNA for 'Dummies'', 'User Lookup', 'Site Policy Statement', 'New Profile Management Features', and 'New One to Many Features'.
- Your DNA Resources:** A list of DNA kits with status indicators. Kits marked with '**' (e.g., A0, A3, A5, A6, PA, PA) indicate that the upload is still in process.
- File Uploads:** A section for 'Raw DNA file Uploads' with instructions: 'Generic Upload FAST', 'Do NOT open or unzip raw DNA data files before uploading', and 'Genealogy - Family Trees' with options for 'GEDCOM genealogy Upload', 'GEDCOM genealogy Upload', and 'Fast Beta version'.
- Analyze Your Data:** A central section with two columns:
 - DNA raw data:** Includes 'One-to-many' matches (with info on disappeared kits and recovery), 'One-to-one' compare, 'X' 'One-to-one', 'Admixture (heritage)', 'Admixture Oracle with Population Search', 'Phasing', 'People who match one or both of 2 kits Updated', 'Predict Eye Color', 'Are your parents related?', '3D Chromosome Browser', 'Archaic DNA matches', 'Multiple Kit Analysis NEW', and 'DNA File Diagnostic Utility'.
 - Genealogy:** Includes '1 GEDCOM to all', '2 GEDCOMs', 'Search all GEDCOMs Reviewed', and 'GEDCOM + DNA matches'.
- Tier 1 Utilities:** A section for members of GEDmatch® Tier 1, containing:
 - DNA Raw Data:** 'One-to-many' matches New Version!, 'Matching Segment Search', and 'Relationship Tree projection'.
 - Lazarus:** 'Create composite kits to represent close ancestors'.
 - Triangulation:** 'Identify and confirm triangulation groups (TG) from your matches'.
 - Triangulation Groups BETA:** 'Triangulation Groups - Expanded'.
 - My Evil Twin! Phasing BETA:** 'The DNA you did NOT inherit'.

At the bottom, there is a 'Batch Processing Status' table:

| Batch ID | Status | Started (UTC) | Ended (UTC) |
|----------|-----------|---------------------|---------------------|
| 7296 | Comparing | 2017-09-28 23:08:36 | |
| 7285 | Completed | 2017-09-28 20:31:31 | 2017-09-28 22:40:57 |
| 7284 | Completed | 2017-09-28 03:11:38 | 2017-09-28 11:10:18 |
| 7283 | Completed | 2017-09-27 17:32:11 | 2017-09-28 03:10:52 |

File Uploads Section: Click Here to begin uploading your raw DNA or GEDCOM files.

Basic Utilities Section: Free utilities that can be leveraged to analyze your DNA and compare to others in Database.

Tier 1 Utilities Section: GEDmatch Tier 1 Utilities available for a small fee, however basic utilities are free.

Uploading Raw DNA Data to GEDmatch

STEP 4: Click on the “Generic Upload *FAST*” link and the DNA upload utility page will open.

File Uploads

Raw DNA file Uploads

- [Generic Upload *FAST*](#)

Do NOT open or un-zip raw DNA data files before uploading.

Genealogy - Family Trees

- [GEDCOM genealogy Upload](#)
- [GEDCOM genealogy Upload Fast Beta version](#)

WARNING! Do NOT open or un-zip raw DNA data file before uploading – this will render it useless to GEDmatch!

Uploading Raw DNA Data to GEDmatch

GEDmatch Tools for DNA & Genealogy Research Home Log out

GEDmatch raw DNA upload utility

Click [HERE](#) for detailed Ancestry upload instructions.
Click [HERE](#) for detailed FTDNA upload instructions.
Click [HERE](#) for detailed WeGene upload instructions.
Click [HERE](#) for detailed MyHeritage upload instructions.
Click [HERE](#) for detailed Generic upload instructions.

Your Email Address will be associated with this kit:

Name of Donor:
Please use your real name here. If you don't want your real name displayed, you may also enter an alias in the box below.

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 donor: Male Female

What is your Mitochondrial haplogroup (if known)?

Males Only (or females with a male sibling who has been tested): What is your Y haplogroup (if known)?

Please acknowledge that any sample you submit is either your DNA or the DNA of a person for whom you are a legal guardian or have obtained authorization to upload their DNA to GEDmatch: Yes No
(You will not be able to make comparisons if you do not answer yes)

Click on "Browse" to find the raw DNA data file on your computer. Click "Upload" to send your DNA data to GEDmatch.

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

Upload Instruction Links:
Additional instructions for uploading raw DNA files.

STEP 5: Once the raw DNA upload utility page opens complete the form

It's important that you enter your name here, if you don't want your full name displayed for everyone to see, you can enter an Alias below. I typically use my initials.

If you don't have your haplogroup information, leave these two fields blank.

Select Yes, or you will not be able to benefit from all the features.

STEP 6: Click the "Browse" button and location your raw DNA zipped file. Once selected, click the "Upload" button.

Uploading Raw DNA Data to GEDmatch

STEP 7: The screen below opens signifying the upload process has begun.

GEDmatch raw DNA file upload

Upload Time: 2017-Sep-29 00:30:06 UTC
Software Ver: 2017-Sep-02 13:00:45
Email: [REDACTED]
Donor Name: [REDACTED]
Your IP: 47.185.75.12
Your Browser: Mozilla/5.0 (Windows NT 6.1; Win64; x64; Trident/7.0; rv:11.0) like Gecko
Upload Filename: [REDACTED].zip

Upload File Size: 6157140 Bytes

Your DNA data file has been successfully received at the server. Processing milestones are listed below.
You should see the word 'Finished' at the bottom of the page when processing is complete. If you leave this page before it is finished, your data may be lost.
Processing normally takes less than a minute.
If you see the word 'ERROR', then your file did not complete processing, and you will need to try your upload again.

File size inside Zip: 18841299

Processing file...

File is from AncestryDNA.Com
File is Build 37 format
Processing Chromosomes...

1 .. 2 .. 3 .. 4 .. 5 .. 6 .. 7 .. 8 .. 9 .. 10 .. 11 .. 12 .. 13 .. 14 .. 15 .. 16 .. 17 .. 18 .. 19 .. 20 .. 21 .. 22 .. X .. Y .. X

Please wait for Build 36/37 Alignment. This can take several minutes.

Build 36/37 Alignment Complete

Assigned kit number: [REDACTED] **Write this number down.** You will need it to access your DNA data on this site

Donor Name: [REDACTED]

You should be able to use one-to-one comparisons, and some other utilities on this site within a few minutes.

WARNING! Wait until the file has been processed before leaving page. You can close once the assigned kit number appears.

Uploading Raw DNA Data to GEDmatch

STEP 8: Return to the home page by hitting the back button on your browser. You will see your kit number under the “Your DNA Resources” section.

If your kit is preceded with “**” processing is not fully complete and functionality is limited. Once these are removed all features are available – could take up to 2 days, but well worth the wait.

Your DNA Resources

** A0 [REDACTED] [REDACTED]

Batch: 7286

Kits marked with ** have been tokenized, but have not completed batch processing. They are available for one-to-one comparisons, but not one-to-many comparisons.

[EDIT or DELETE](#) your DNA resource profiles.