

# How to upload your DNA to GEDmatch FACT SHEET

If you have already tested your DNA at one of the five consumer genomics testing companies, you can download your DNA data file and upload it to GEDmatch to help the National DNA Program for Unidentified and Missing Persons identify unidentified human remains and resolve missing persons cases.

This is done in three steps:

1. [Download your DNA data file from your account](#)
2. [Upload your DNA data file to GEDmatch](#)
3. [Add your parents' and grandparents' details](#)

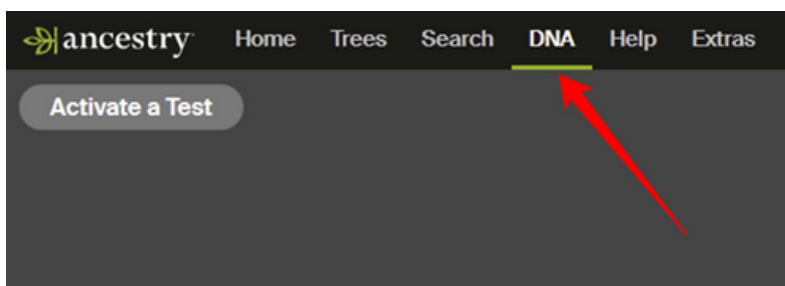
## Step 1 – Download your DNA data file from your account

Download your DNA data file from your online account and save it to your computer or cloud storage. Instructions for how to do this are provided for the five major consumer genomics testing companies:

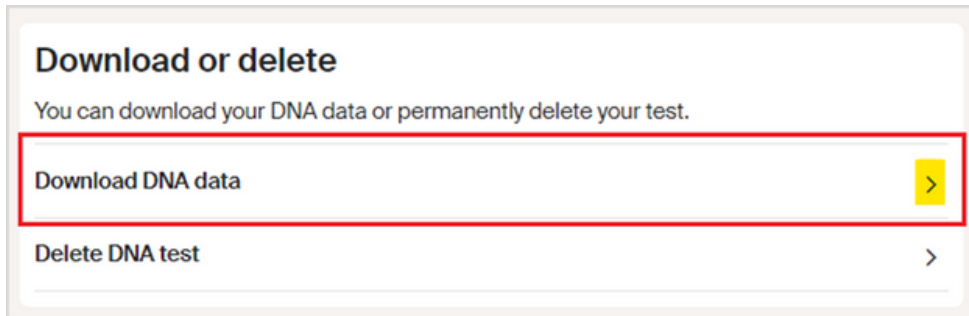
1. [AncestryDNA](#)
2. [FamilyTreeDNA](#)
3. [MyHeritage](#)
4. [23andMe](#)
5. [LivingDNA](#)

### 1. AncestryDNA

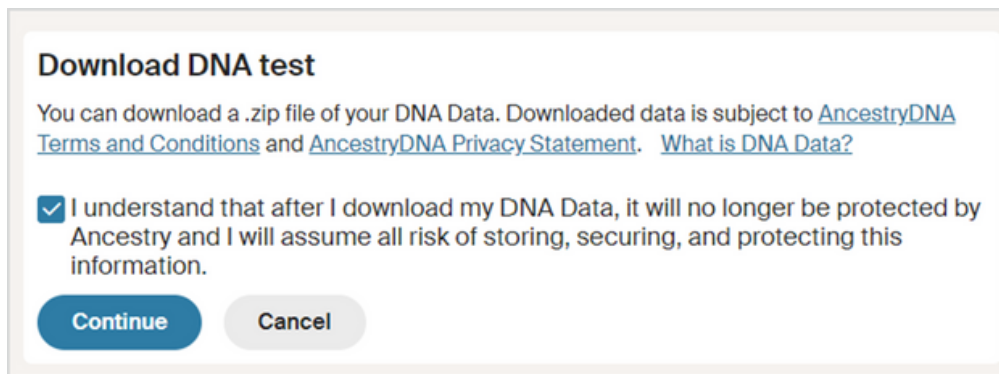
1. Sign-in to your [Ancestry](#) account.
2. Click on the DNA tab at the top of the page:



3. Click on Settings near the top right of the page.
4. Scroll down to the DNA Settings page and click on Download DNA data:



5. Tick the checkbox to acknowledge that you have read the download notice, then click Continue:

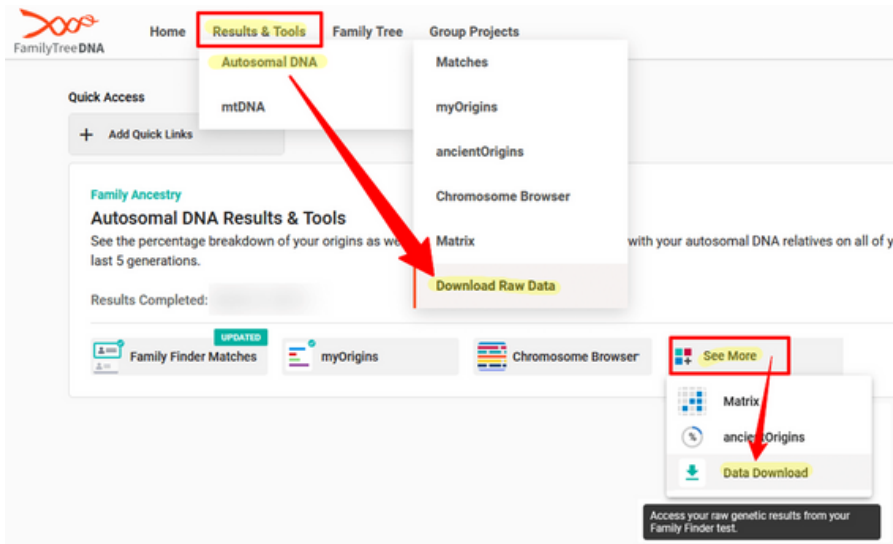


6. You will then be asked to verify that you own the account, either by entering your current password or by entering a code sent to your email. Complete the account verification.
7. Check your email inbox for a message from Ancestry.
8. Click the link in the email to download your DNA data file and save the file to your computer or cloud storage. Leave it zipped (i.e. save it, don't open it).

**TIP!** If you manage data for multiple family members, it is recommended to save the DNA data files in a separate folder for each person so the DNA data files don't get mixed up, as they all have the same file name (dna-data-yyyy-mm-dd.zip with yyyy-mm-dd being the download date). You can rename your file to include your name if that helps. DNA data files are approximately 6MB in size when zipped, or 18MB when unzipped/opened.

## 2. FamilyTreeDNA

1. Sign-in to your FamilyTreeDNA account.
2. Find the DNA data file download link via:
  - a. On the top menu, click on Results & Tools > Autosomal DNA > Download Raw Data, or
  - b. In the Family Ancestry section, click on See More > Data Download.



3. Click on the Build 37 Concatenated Raw Data file to save it to your computer or cloud storage:

### FAMILY FINDER - DOWNLOADS

## Download Your Data

### Raw Data

**Read before you download:** We are committed to protecting the privacy of our customers. By downloading any raw data, you hereby indicate that you are the owner of that data or have permission to download the data, and you further indicate your understanding that FamilyTreeDNA cannot in any way guarantee the security or privacy of your downloaded data. Furthermore, you understand that by uploading your raw data to a third party application and linking it to your name, FamilyTreeDNA kit number, email address, or any other identifying information, the security of your raw data and record is further put at risk and may lead to the violation of FamilyTreeDNA Privacy Policy. By downloading your raw data, you assume the liability for any breach of privacy and release FamilyTreeDNA from any privacy violation that results either directly or indirectly from the downloaded raw data and/or upload to a third party application.

The Family Finder raw data file contains your DNA results code (A, C, T, G, etc.) for **less** of the thousands of locations tested. It is most useful for those advanced users who wish to compare specific segments of their DNA with others. [More info.](#)

Because they contain the results for thousands of SNPs, Family Finder autosomal DNA and X-Chromosome raw data files are large. They have been compressed for faster download. There are many free programs available on the internet for extracting GZIP files. [More info.](#)

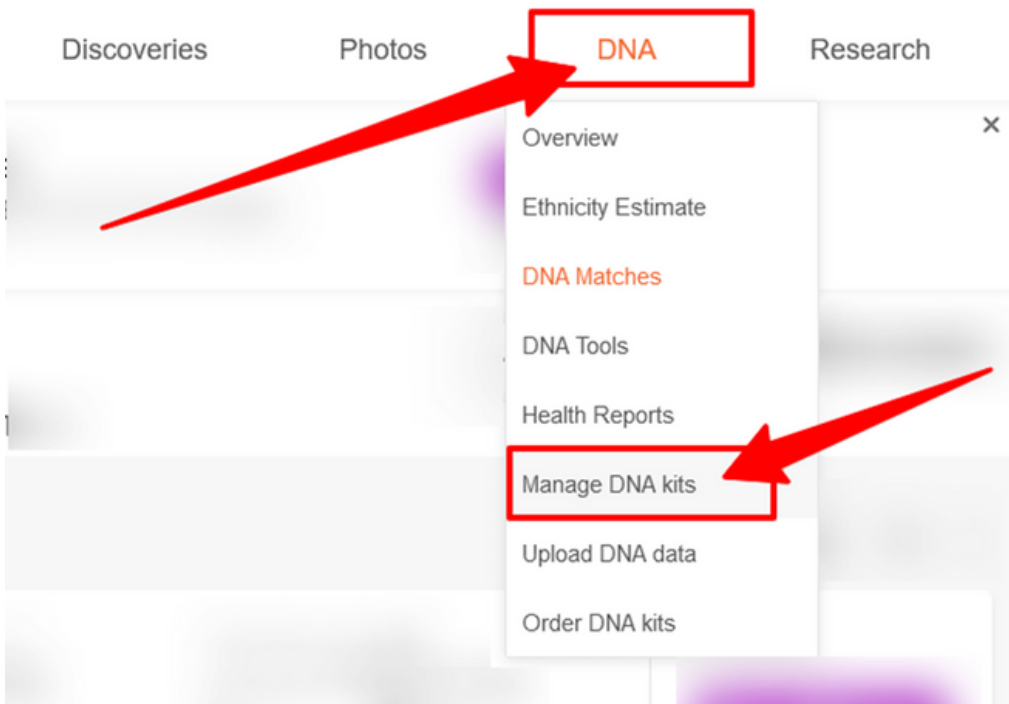
-  Build 37 Autosomal Raw Data (GZIP, CSV)
-  Build 37 X Chromosome Raw Data (GZIP, CSV)
-  **Build 37 Concatenated Raw Data (GZIP, CSV)**

4. Leave it zipped (i.e. save it, don't open it).

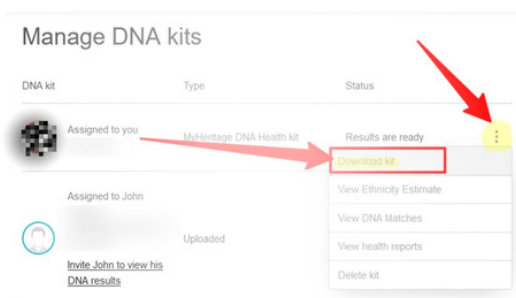
**TIP!** If you manage data for multiple family members, it is recommended to save the DNA data files in a separate folder for each person so the DNA data files don't get mixed up.

### 3. MyHeritage

1. Sign in to your [MyHeritage](#) account.
2. Hover over the DNA menu tab and click on Manage DNA kits:



3. Click on the three dots to the right of your kit, then click on Download kit:

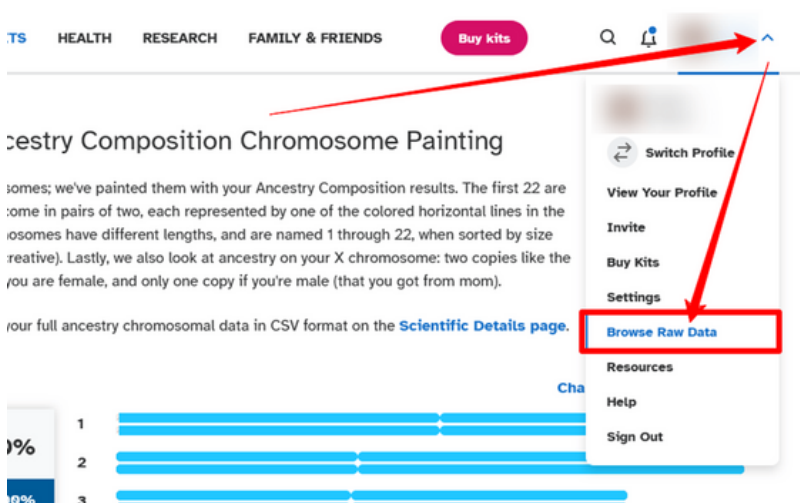


4. Read the popup, then scroll down and click CONTINUE.
5. Tick the checkbox to acknowledge you have read the download notice, and then click CLOSE.
6. Check your email for a message from MyHeritage.
7. Click on the email link to download your DNA data file and your browser will open again.
8. Enter your password and click DOWNLOAD, select a location and click SAVE. Leave it zipped (i.e. save it, don't open it).

**TIP!** If you manage data for multiple family members, it is recommended to save the DNA data files in a separate folder for each person so the DNA data files don't get mixed up.

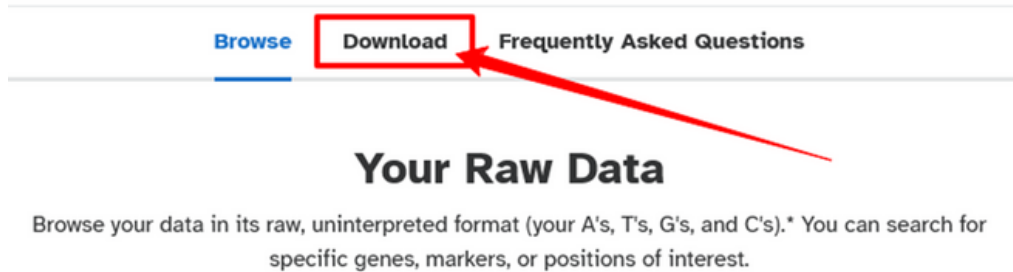
## 4. 23andMe

1. Sign-in to your 23andMe account.
2. Click on the drop-down arrow next to your profile picture and name near the top right, and then click on Browse Raw Data:

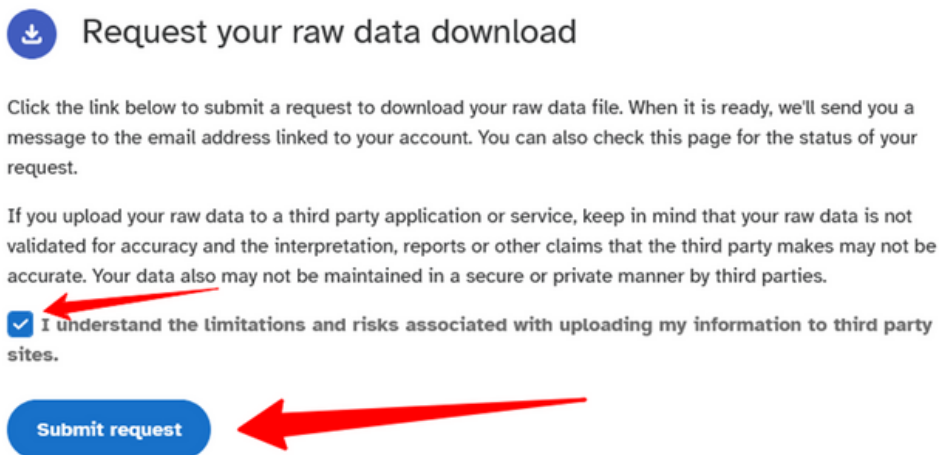


The screenshot shows the 23andMe website interface. At the top, there are navigation links: TS, HEALTH, RESEARCH, FAMILY & FRIENDS, and a 'Buy kits' button. A search icon and a notification bell icon are also visible. A red arrow points from the top right corner to a dropdown menu that is open. The dropdown menu contains the following options: Switch Profile, View Your Profile, Invite, Buy Kits, Settings, Browse Raw Data (highlighted with a red box), Resources, Help, and Sign Out. Below the dropdown menu, there is a section titled 'Ancestry Composition Chromosome Painting' with a paragraph of text and a partially visible bar chart.

3. Click on the Download tab:



4. Scroll down and click on Submit request to download your DNA data file:



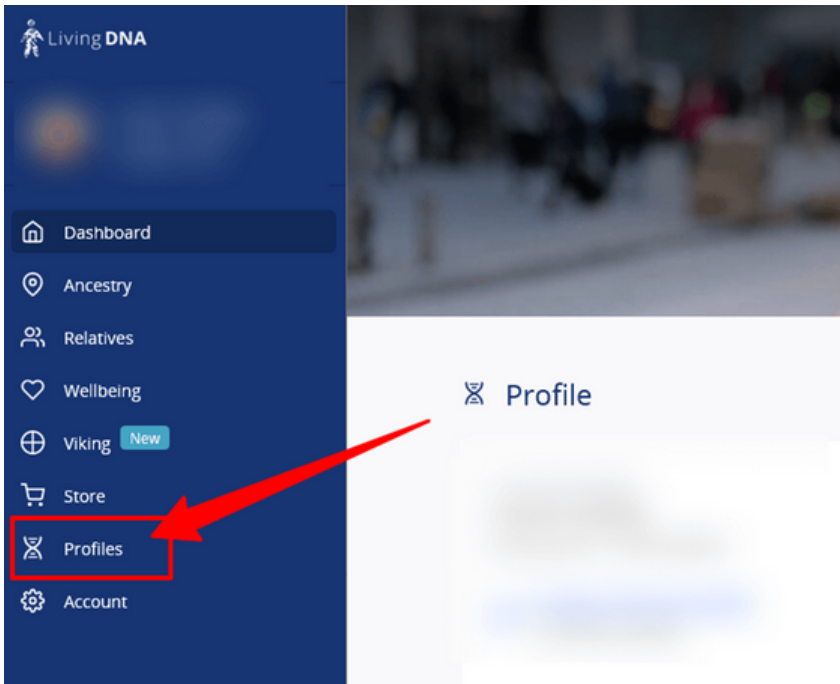
5. 23andMe will email you when the DNA data file is ready to download.

6. Click the link in the email to download the DNA data file, and save it to your computer.

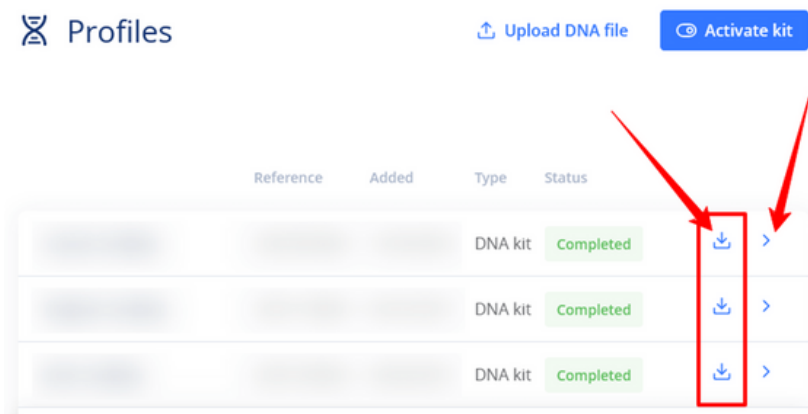
**TIP!** If you manage data for multiple family members, it is recommended to save the DNA data files in a separate folder for each person so the DNA data files don't get mixed up.

## 5. Living DNA

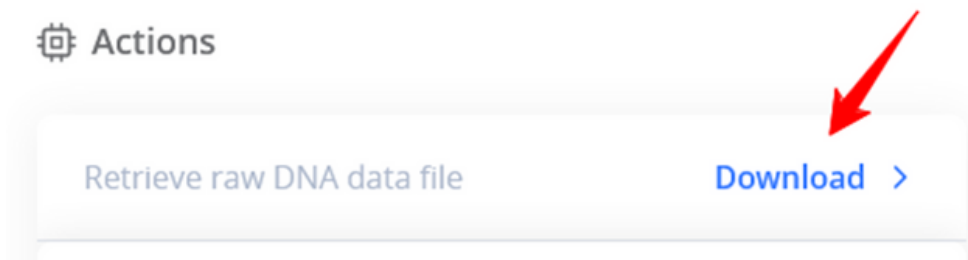
1. Sign-in to your Living DNA account.
2. Click on the Profiles tab on the left menu:



3. The Profile page lists all of the DNA kits in your account. Either:
  - a. Click on the blue Download icon to the right of the kit you want to download, or
  - b. Click the blue arrow to go to the Profile Detail Page:

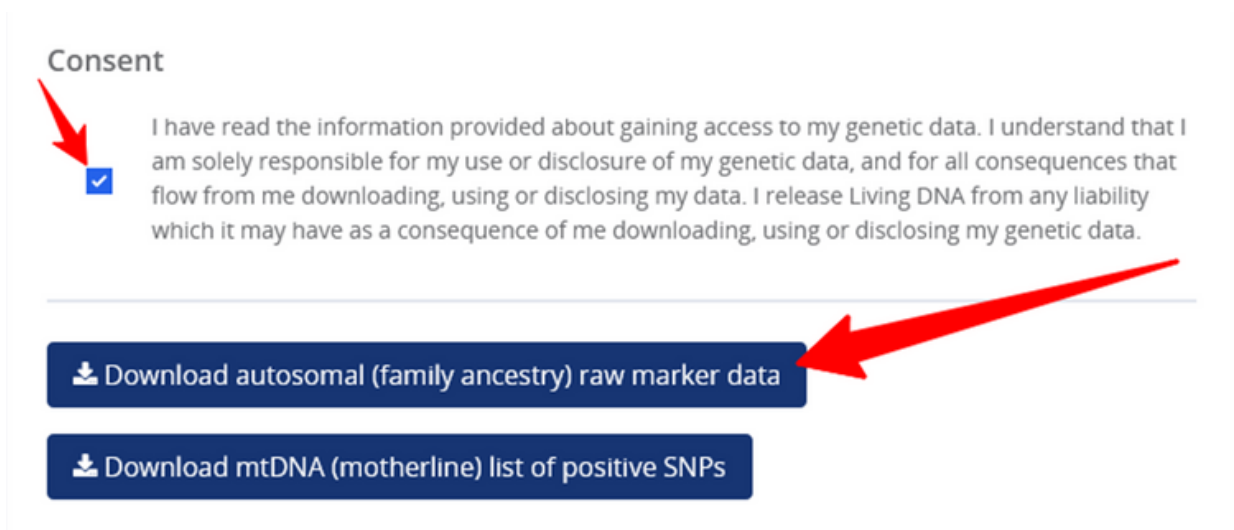


c. If you click through to the Profile Detail Page, scroll down and click on the Download link towards the bottom:



4. The next page will display Privacy information for you to read and agree to. If you are happy to continue, scroll down and tick the checkbox to provide your consent. The two dark blue buttons will then become active.

5. Click on the button labelled Download autosomal (family ancestry) raw marker data and save the DNA data file to your computer:

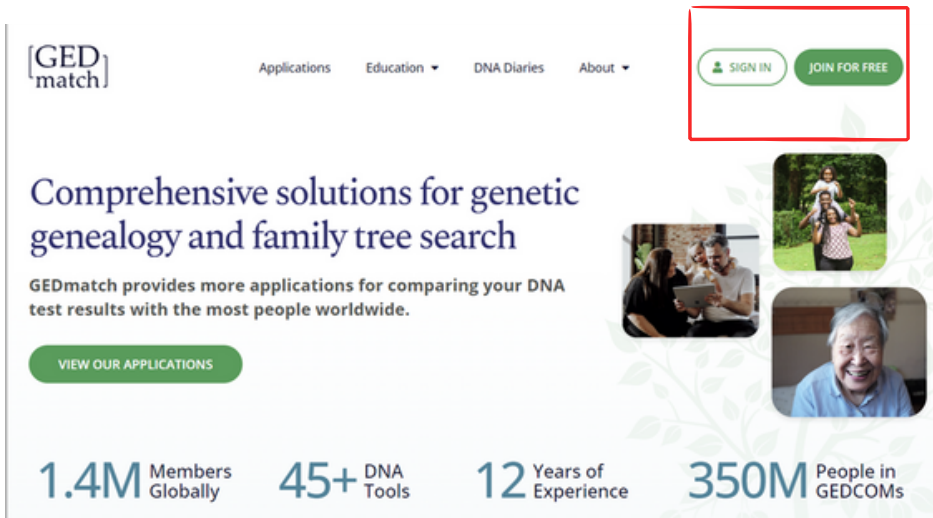


**TIP!** If you manage data for multiple family members, it is recommended to save the DNA data files in a separate folder for each person so the DNA data files don't get mixed up.



## Step 2 - Upload your DNA data file to GEDmatch

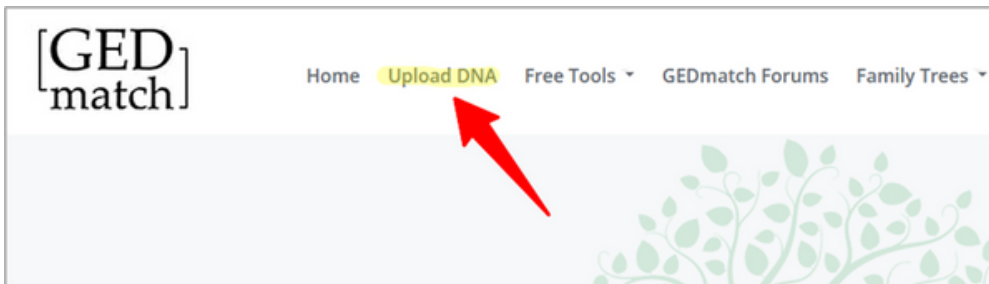
1. Sign-in to your [GEDmatch](#) account.
2. If you already have a GEDmatch account, click on the SIGN-IN button to sign-in.
3. Otherwise, click on the green JOIN FOR FREE button to register for a free account:



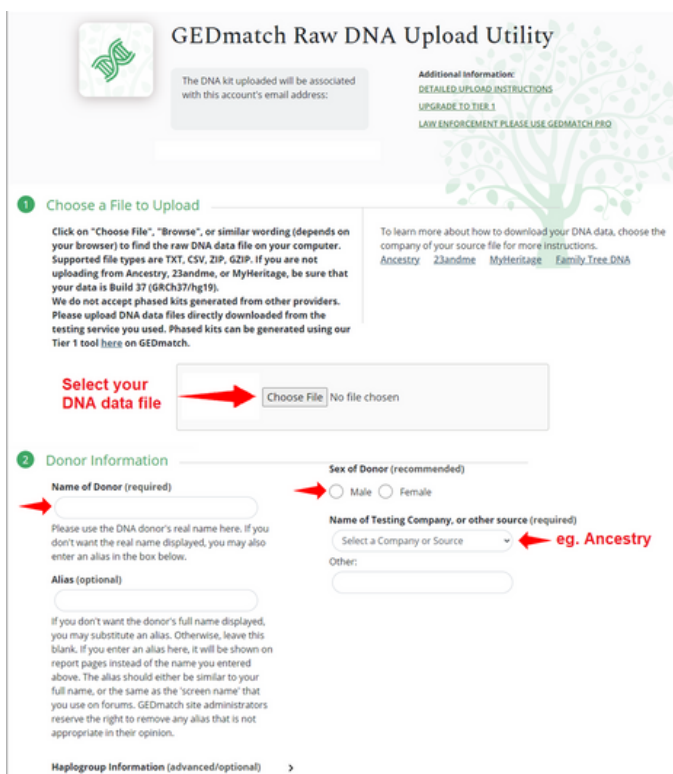
4. Enter your name, email address and a password, and click REGISTER:

### Register

- GEDmatch will then send you a verification code or a verification email. Click the link in the email or enter the code and your account will be confirmed.
- Sign-in to your GEDmatch account.
- On the top menu, click on Upload DNA:



- Click Choose File to select your DNA data file from your computer or cloud storage and complete the Donor Information fields:
  - Enter your name.
  - Select your sex.
  - Select the name of your testing company (e.g. Ancestry).



**GEDmatch Raw DNA Upload Utility**

The DNA kit uploaded will be associated with this account's email address:

**Additional Information:**  
DETAILED UPLOAD INSTRUCTIONS  
UPGRADE TO TIER 1  
LAW ENFORCEMENT PLEASE USE GEDMATCH PRO

**1 Choose a File to Upload**

Click on "Choose File", "Browse", or similar wording (depends on your browser) to find the raw DNA data file on your computer. Supported file types are TXT, CSV, ZIP, GZIP. If you are not uploading from Ancestry, 23andme, or MyHeritage, be sure that your data is Build 37 (GRCh37/hg19). We do not accept phased kits generated from other providers. Please upload DNA data files directly downloaded from the testing service you used. Phased kits can be generated using our Tier 1 tool [here](#) on GEDmatch.

To learn more about how to download your DNA data, choose the company of your source file for more instructions.  
[Ancestry](#) [23andme](#) [MyHeritage](#) [FamilyTreeDNA](#)

Select your DNA data file  No file chosen

**2 Donor Information**

**Name of Donor (required)**

Please use the DNA donor's real name here. If you don't want the real name displayed, you may also enter an alias in the box below.

**Alias (optional)**

If you don't want the donor's 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 (recommended)**  
 Male  Female

**Name of Testing Company, or other source (required)**  
Select a Company or Source

Other:

**Haplogroup Information (advanced/optional)** >

9. Select the type of DNA you are uploading (e.g. Your DNA):

**3 Raw Data to GEDmatch**

When you upload Raw Data to GEDmatch, you agree that the Raw Data is one of the following. Select **one** option. (required)

Your DNA

DNA of a person for whom you are a legal guardian

DNA of a person who has granted you specific authorization to upload their DNA to GEDmatch  
Selecting this option indicates your upload of Raw Data is for personal genetic genealogy research only. Your violation of the foregoing may result in the permanent suspension of your account. If you are unsure whether this option is applicable, please contact [gedmatch@verogen.com](mailto:gedmatch@verogen.com).

DNA of a person whose identity is known by you and who is known to be deceased  
Selecting this option indicates your upload of Raw Data is for personal genetic genealogy research only. Your violation of the foregoing may result in the permanent suspension of your account. If you are unsure whether this option is applicable, please contact [gedmatch@verogen.com](mailto:gedmatch@verogen.com).

An artificial DNA kit  
If and only if: (1) it is intended for research purposes; and (2) it is not used to identify anyone in the GEDmatch database, or

DNA obtained from an artifact  
If and only if: (1) you have a reasonable belief that the Raw Data is DNA from a previous owner or user of the artifact rather than from a living individual; and (2) that previous owner or user of the artifact is known to you to be deceased.

None of the above  
If your DNA data does not fit any of the above categories, it will not be permitted.

10. Select your **Opt In** or **Opt Out** privacy preference.

**IMPORTANT!** Both the 'Opt In' and 'Opt Out' privacy options allow your DNA data to be used by the National DNA Program for Unidentified and Missing Persons; however, the 'Opt In' option also allows your DNA data to be used by law enforcement for restricted criminal investigations:

**Opt In** means that your DNA data will be available for matching comparisons with any other user, including any law enforcement agency across the world for the purposes of identifying unidentified human remains and identifying the perpetrators of violent crimes (e.g. homicides, sexual assaults).

**Opt Out** means that the DNA data will be available for matching comparisons with any other user, including any law enforcement agency across the world for the purpose of identifying unidentified human remains but not for identifying the perpetrators of violent crimes (e.g. homicides, sexual assaults).

11. Tick the “I’m not a robot” checkbox.

12. Click on the green UPLOAD button and your file will be uploaded (the button is initially grey and disabled, but will turn green once you select your DNA data file and privacy option):

**4 Privacy Options**

Select one of the following privacy options for this kit. (required)

**Opt In** Most Popular

We will compare your DNA kit to all other kits in the GEDmatch database to find your matching genetic relatives. Kits in the database include those submitted by users undertaking personal genetic genealogy research, adoptee searches, users (including law enforcement) attempting to identify unidentified human remains, and law enforcement attempting to identify perpetrators of violent crimes. Your kit **WILL** be compared with kits submitted by law enforcement to identify perpetrators of violent crimes. The operators of GEDmatch encourage everybody to select this option.

**Opt Out**

We will compare your DNA kit to all other kits in the GEDmatch database to find your matching genetic relatives. Kits in the database include those submitted by users undertaking personal genetic genealogy research, adoptee searches, and users (including law enforcement) attempting to identify unidentified human remains. Your kit **WILL NOT** be compared with kits submitted by law enforcement to identify perpetrators of violent crimes.

**Research**


This kit will not be shown in match result reports generated for other kits. Genealogy and Genetic Genealogy require the sharing of information. This option is provided primarily for artificially created research kits, but may be used for regular uploads if you have specific reasons for doing so.

**Private**

This kit will not be available for any matching. The kit will be in the database, and it will be batch processed, but no comparison results will be shown unless this privacy setting is changed by you later.

**5 Upload File**

Click “I’m not a robot”, (unless you are?) then click “Upload” to send your DNA data to GEDmatch. Your file might take a moment to process and then we will inform you of your next steps.

I’m not a robot 

Upload disabled until chosen DNA-file has been processed.

**This button will change to green once DNA file and privacy option selected**

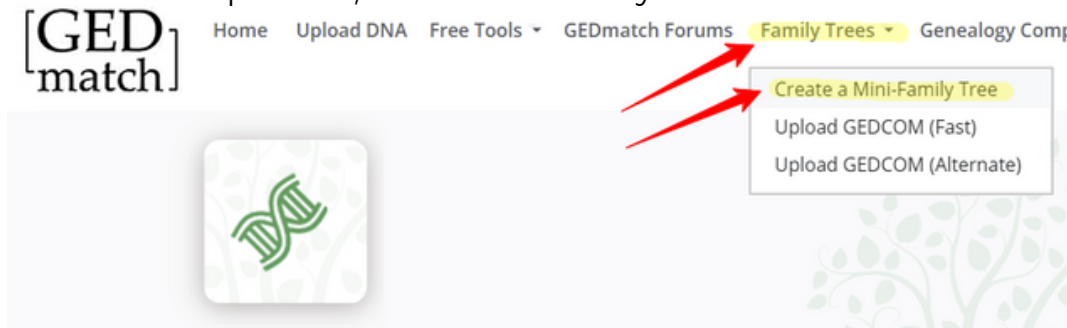
UPLOAD DISABLED

## Step 3 - Add your parents' and grandparents' details

To assist in the building of your family tree (in the event you are a genetic match to unidentified human remains), you can link details about your parents and grandparents to your DNA kit.

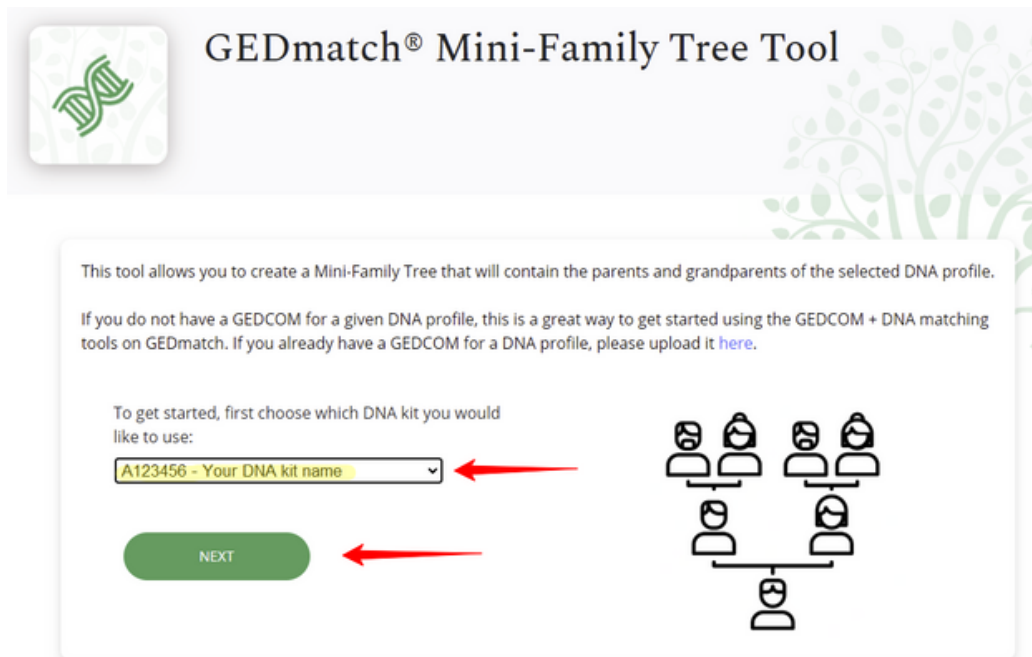
1. Sign-in to your [GEDmatch](#) account.

2. On the top menu, hover over Family Trees and click on Create a Mini-Family Tree:



3. Use the drop-down menu to select your DNA kit.

4. Click on NEXT:

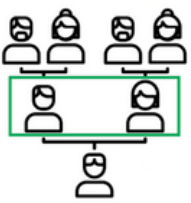


5. Enter your name and date of birth, and the names and dates of both of your biological parents if known (biological mother's details are required). Note that living people will not be visible to other users. If your biological parent(s) are deceased, untick the 'Living' checkbox and enter their date(s) of death.

## 6. Click NEXT:

### Mini-Family Tree Tool

Step 2 - Parents (Donor and Mother Required)



The diagram shows a family tree with a child at the bottom, two parents in the middle, and four grandparents at the top. A green box highlights the two parents in the middle row.

<b>DNA Donor of A123456</b>	<b>Father of A123456</b>	<b>Mother of A123456</b>
Given Name <input type="text"/>	Given Name <input type="text"/>	Given Name <input type="text"/>
Family Name (at birth) <input type="text"/>	Family Name (at birth) <input type="text"/>	Family Name (at birth) <input type="text"/>
Date of Birth <input type="text" value="dd/mm/yyyy"/>	Date of Birth <input type="text" value="dd/mm/yyyy"/>	Date of Birth <input type="text" value="dd/mm/yyyy"/>
<input type="checkbox"/> Check if only birth year known	<input type="checkbox"/> Check if only birth year known	<input type="checkbox"/> Check if only birth year known
<input checked="" type="checkbox"/> Living	<input checked="" type="checkbox"/> Living	<input checked="" type="checkbox"/> Living

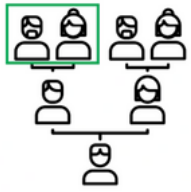
[NEXT](#)

## 7. Enter details of your biological paternal grandparents if known (optional).

## 8. Click NEXT (or SKIP if you don't know any of their details):

### Mini-Family Tree Tool

Step 3 - Paternal Grandparents (Optional)



The diagram shows a family tree with a child at the bottom, two parents in the middle, and four grandparents at the top. A green box highlights the two paternal grandparents at the top left.

<b>Paternal Grandfather of A123456</b>	<b>Paternal Grandmother of A123456</b>
Given Name <input type="text"/>	Given Name <input type="text"/>
Family Name (at birth) <input type="text"/>	Family Name (at birth) <input type="text"/>
Date of Birth <input type="text" value="dd/mm/yyyy"/>	Date of Birth <input type="text" value="dd/mm/yyyy"/>
<input type="checkbox"/> Check if only birth year known	<input type="checkbox"/> Check if only birth year known
<input type="checkbox"/> Living	<input type="checkbox"/> Living
Date of Death <input type="text" value="dd/mm/yyyy"/>	Date of Death <input type="text" value="dd/mm/yyyy"/>
<input type="checkbox"/> Check if only death year known	<input type="checkbox"/> Check if only death year known

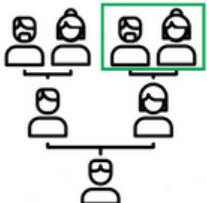
[PREVIOUS](#) [NEXT/SKIP](#)

9. Enter details of your biological maternal grandparents if known (optional).

10. Click FINISH:

### Mini-Family Tree Tool

Step 4 - Maternal Grandparents  
(Optional)



<b>Maternal Grandfather of A123456</b>	<b>Maternal Grandmother of A123456</b>
Given Name <input type="text"/>	Given Name <input type="text"/>
Family Name (at birth) <input type="text"/>	Family Name (at birth) <input type="text"/>
Date of Birth <input type="text" value="dd/mm/yyyy"/>	Date of Birth <input type="text" value="dd/mm/yyyy"/>
<input type="checkbox"/> Check if only birth year known	<input type="checkbox"/> Check if only birth year known
<input type="checkbox"/> Living	<input type="checkbox"/> Living
Date of Death <input type="text" value="dd/mm/yyyy"/>	Date of Death <input type="text" value="dd/mm/yyyy"/>
<input type="checkbox"/> Check if only death year known	<input type="checkbox"/> Check if only death year known

### Mini-Family Tree Tool

Family Tree creation successful!

Family Tree Name:

Point Person:

Your Family Tree has been assigned ID number

**WRITE THIS NUMBER DOWN**

You will need to have this to make comparisons to other GEDCOMs

FAMILY TREE CREATION AND PROCESSING HAS BEEN COMPLETED

**TIP!** Alternatively, you can download or export an existing family tree (i.e. GEDCOM file) from a genealogy research website (e.g. Ancestry) or tree building software (e.g. Family Tree Maker) and upload it to GEDmatch by hovering over Family Trees on the top menu and clicking on Upload GEDCOM.


## Optional Step - Remove your DNA data from GEDmatch

If you uploaded your DNA data to GEDmatch and opted in to law enforcement matching to assist the National DNA Program for Unidentified and Missing Persons, then once the case has been resolved you can choose to:

- Keep your DNA data on GEDmatch to assist solve other law enforcement cases (both unidentified human remains and violent criminal cases), or
- Keep your DNA data on GEDmatch but change the privacy settings (e.g. change from 'Opt In' to 'Opt Out' of law enforcement matching to continue to assist solve unidentified human remains cases, but not violent criminal cases), or
- Remove your DNA data from GEDmatch completely.


1. To change your GEDmatch privacy settings at any time, on your GEDmatch Dashboard (home page) scroll down to the section labelled Your DNA resources and click on the pencil Edit icon to the right of your kit number:

Your DNA resources:

AB1234567	y	✓	Tester's Name	 
CD1234567		✓	Tester's Name	 
EF1234567	R	✓	Tester's Name	
GH1234567	r	✓	Tester's Name	

2. The Kit Profile Management page will open, where you can edit your personal details, change your privacy settings or remove your kit:





## Kit Profile Management

Kit View/Change
Kit Removal
Kit Transfer

Attribute	Value	New Value	
Status	Good		
Name	Your Name	New Name: <input type="text" value="Your Name"/>	<b>CHANGE</b>
Alias	Your Alias	New Alias: <input type="text" value="Your alias (if set)"/>	<b>CHANGE</b>
Sex	Female	New Sex <input type="radio"/> Male <input checked="" type="radio"/> Female <input type="radio"/> Unknown	<b>CHANGE</b>
Email	your@email.com	To Change use Transfer Tab	
Source	Ancestry	Source: <input type="text" value="Other"/> <input type="text" value="Ancestry"/>	<b>CHANGE</b>
Public Profile	Opt-in	Change Access: <input checked="" type="radio"/> Opt In ⓘ <input type="radio"/> Opt Out ⓘ <input type="radio"/> Private ⓘ <input type="radio"/> Research ⓘ	<b>CHANGE</b>

3. To edit any details, type into the field or select a new field under the New Values column and click the green CHANGE button.

4. To remove your kit from GEDmatch, click on the Kit Removal tab, enter your password and click the green DELETE button.

### Further Information

For more information on the Program please go to our dedicated webpage: [www.missingpersons.gov.au/NationalDNAProgram](http://www.missingpersons.gov.au/NationalDNAProgram), or contact: [missing@afp.gov.au](mailto:missing@afp.gov.au)



**MISSING**  
PERSONS

NATIONAL  
DNA PROGRAM  
FOR UNIDENTIFIED  
AND MISSING PERSONS

