

GEDMATCH INFORMATION 2024

- Sign up to receive your Kit Number. Upload your DNA.
- Free account subscription includes some free tools.
- Tier One Tools \$10/month or \$100/year.
- Excepts uploads from all major testing companies.
- Over 2M profiles. 45+ tools. 400M people in Gedcoms.
- Opt-In or Opt-Out of law enforcement usage.
- How-To Videos available on the site.

<i>Free Tools</i>	<i>Description</i>
One-to-Many DNA Comparison Result (Limited or Original version)	Compare your dna matches to other GEDmatch members that share your dna. Match's Emails are provided for quick contact.
One-to-One Autosomal DNA Comparison	Compares your dna to another match (of your choice) to confirm how much DNA you share with that person viewed in a table or in a chromosome browser format.
Admixture (heritage)	Analysis for identifying biogeographical ancestry or ethnic background. Shows proportion of your DNA from a particular location.
Relationship Probability	After entering the amount of centimorgans, you can see your relationship probabilities Click on the link provided for Additional Tools added: Double cousin relationship, SegcM, Relationship predictions for X DNA ignoring atDNA
One-to-One X DNA Comparison	Ability to look at X DNA matches between kits.
People who match both, or 1 of 2 kits	Video available. Ability to change cM threshold of largest segment (great for endogamy or admixed populations).
Are your parents related?	Looks at SNPS to determine if parents can be related.
3-D Chromosome Browser	Provides a means of examining segment matches between several individuals at the same time. Can use between 3-10 kits. Ability to change cM threshold.
Archaic DNA Matches	Compares your kit to various ancient samples uploaded to GEDmatch
Ancestor Projects	Allows you to join various projects for your surname, or groups like Mayflower Cousins, Various Settler groups, etc.

<i>Tier One Tools</i>	<i>Description</i>
One to Many – Full version	Shows all your matches. You can select up to 3 kits to compare. See video. Allows you to create tag groups which are color coded for use in labelling matches.
One-to-Many-Classic version	See video
Q-Matching Enhanced One-to-One	Comparison of your DNA with the DNA of a match, similar to other one-to-one tools, but with an algorithm to examine the quality of shared segments.
Segment Search	Search of top matches for overlapping segments so you can research groups of matches that likely share MRCA.
Phasing	Phased maternal and paternal data. Need one parent and one child dna to use.
Triangulation	Finds matches that match you and other top close matches then compares against each other. Results can be sorted by chromosome and position or kit number, chromosome and position in tabular or graphical format.
AutoSegment	Finds matches segments and creates clusters.
AutoKinship	Predicts trees based on. Shared DNA between matches from clusters identified by Auto Cluster. Identifies Common Ancestor in shared trees.
Multiple Kit Analysis (MKA)	Lets you look at multiple kits from matches to look at Segment Search, Triangulation, 2D or 3D chromosome browser or segment mapper
Lazarus	Helpful when you do not have parents to test Generates DNA kits based on segments in common with matches. Kit can then be used as a surrogate for a common ancestor in other tests on this site. Video provided to help understand this tool.
My Evil Twin	At least 2 kits needed to be in your DNA resources to use this tool.
AutoCluster Endogamy	A shared match clustering tool that provides several filtering features to improve the results.
Auto Tree Clustering	Closest matches autocluster-autotree-autopedigree. See video

Combine multiple kits into 1 superkit	Select up to 4 kits for the same individual from different testing companies you have uploaded to GEDmatch to combine into one merged kit. Phased and Lazarus kits cannot be used.
Find common ancestors (MCRA) from DNA matches	Searches the closest DNA matches with Gedcom tree and compares the trees one by one with the primary kits Gedcom. Video available.
Find Surname matches from DNA matches	Searches the trees of users DNA matches for patterns of included surnames. You input surnames you are interested in.