

## Targeting your Irish Ancestors with DNA

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### Strategic Approach to Irish Records

Strategic Approach to Irish Genealogy - Tracing Your Irish Ancestors ... 27,000 word magazine supplement (by Maurice Gleeson) ... <https://your-genealogy-history-store-usa.myshopify.com/>

#### Civil Registration Records ...

- Marriages 1845+ (Church of Ireland), 1864+ (all others)
- Births 1864 onwards
- Deaths 1864 onwards
  - 1) Introduction to the records ...  
[https://www.familysearch.org/wiki/en/Ireland\\_Civil\\_Registration](https://www.familysearch.org/wiki/en/Ireland_Civil_Registration)
  - 2) Free online records (indexes and original images) via ...  
<https://civilrecords.irishgenealogy.ie/churchrecords/civil-search.jsp>

#### Church Records ...

- 1) Introduction to Irish Church Records ...  
[https://www.familysearch.org/wiki/en/Ireland\\_Church\\_Records](https://www.familysearch.org/wiki/en/Ireland_Church_Records)
- 2) RootsIreland (all counties except Dublin city & Cork city) ... <https://www.rootsireland.ie>
- 3) IrishGenealogy (Dublin City, Kerry, SE Cork) ...  
<https://churchrecords.irishgenealogy.ie/churchrecords/>
- 4) Irish Catholic Parish Registers at NLI (National Library of Ireland) ...  
<https://registers.nli.ie>
- 5) FindMyPast has indexes to the Irish Catholic Parish Registers at NLI ...  
<https://search.findmypast.ie/search-world-Records/ireland-roman-catholic-parish-baptisms> (helpful for Cork City parishes)

Irish Naming Convention – the standard approach in most areas of the country is described below. If it works on one side of the family, then it is probably true for the other side too ...

- 1<sup>st</sup> son named after father's father
- 2<sup>nd</sup> son after mother's father
- 3<sup>rd</sup> son after father
- 4<sup>th</sup> son after father's eldest brother
- 5<sup>th</sup> son after mother's eldest brother

Exceptions and variations to the standard approach to Irish Naming Convention are discussed in this review article by Ireland Reaching Out (IXO) ... <https://irelandxo.com/ireland-xo/news/irelandxo-insight-irish-naming-and-baptism-traditions>

How to pronounce Irish words ... <https://forvo.com/login/> & <https://www.abair.tcd.ie/en/> (3 dialects). Translate Irish words into English (and vice versa) ... <http://translate.google.com>

## DNA – General Links

The 3 Types of DNA test ... <https://youtu.be/5-POflhu2Qg>

Current database size ... [www.theDNAgeek.com/dna-tests](http://www.theDNAgeek.com/dna-tests)

Current autosomal DNA database size ... [www.theDNAgeek.com/dna-tests](http://www.theDNAgeek.com/dna-tests)

How to transfer your atDNA to other companies ...

- 1) <https://dna-explained.com/2019/11/04/dna-file-upload-download-and-transfer-instructions-to-and-from-dna-testing-companies/>
- 2) <https://thednageek.com/how-to-transfer-your-ancestrydna-test-to-other-databases/>

## Autosomal DNA Tools & Methodologies

Autosomal DNA Tools ... [https://isogg.org/wiki/Autosomal\\_DNA\\_tools](https://isogg.org/wiki/Autosomal_DNA_tools)

DNAPainter website (by Jonny Perl) ... <https://dnainter.com>

Shared cM Project tool ...

- 1) The tool itself ... <https://dnainter.com/tools/sharedcmv4>
- 2) Introduction to the tool ... <https://dnainter.com/blog/introducing-the-updated-shared-cm-tool/>

Shared cM Project ... <https://thegeneticgenealogist.com/2020/03/27/version-4-0-march-2020-update-to-the-shared-cm-project/>

Targeting a Specific Ancestor using Triangulation & Triangulated Segments ...

- 1) Review article (Diahna Southard) ... <https://www.familytreemagazine.com/premium/triple-play-dna-matches-triangulation/#>
- 2) Triangulated Groups using Gedmatch (video by Andy Lee) ... <https://youtu.be/ceYGV6RNfDE>

Targeting a Specific Ancestor using Clusters of Shared Matches ...

1. via the Genetic Affairs website (for **A**ncestry, 23andMe, FTDNA) <https://www.geneticaffairs.com/features-autocluster.html> ... plus a useful blog post about it here ... <https://dna-explained.com/2018/12/04/autoclustering-by-genetic-affairs/>
2. via MyHeritage ... <https://blog.myheritage.com/2019/02/introducing-autoclusters-for-dna-matches/>
3. Via Gedmatch ... <https://www.gedmatch.com/ClusterBasic1.php> ... and a useful explanatory video at <https://youtu.be/ITboZ5q10Nk>

Various video tutorial's on autoclustering ...

- 1) MyHeritage's tool ... <https://youtu.be/vmZzxMy8U3w>
- 2) Genetic Affairs' tool (by Blaine Bettinger) ... <https://youtu.be/fYRCK8ogW1k>
- 3) Gedmatch's tool (by Andy Lee) ... <https://youtu.be/1TboZ5q10Nk>

Leeds-Collins Method of clustering ... <https://genetic.family/Help/CLM>

DNA2Tree review ... <https://blog.kittycooper.com/2019/04/dna2tree-build-trees-from-dna-matches>

WATO tool (What are the Odds) helps place unknown relatives within a known family tree ...

- 1) The tool itself ... <https://dnainter.com/tools/probability>
- 2) FAQs ... <https://dnainter.com/help/wato-faq>
- 3) Useful "how to" video ... <https://youtu.be/pFHLBBZbCWc>

Chromosome Mapping ...

- 1) How to use the Chromosome Mapper on DNAPainter ... <https://dnainter.com/help/why#pstart>
- 2) Introductory video to Chromosome Mapping ... <https://youtu.be/wyjcJxywTZI>

Cluster Auto Painter tool from DNAPainter website ...

- <https://dnainter.com/tools/cap>
- <https://blog.dnainter.com/blog/cluster-auto-painter-unravel-your-dna-test-results/>

23andMe's "Family Tree" predicts how you might be connected to your genetic relatives ... <https://blog.23andme.com/ancestry-reports/23andmes-latest-feature-automates-genetic-family-trees/>

Maurice Gleeson's Adoptee Spreadsheet template helps you triangulate on a common ancestor by combining DNA & genealogical data from different websites on a single page ... <https://www.dropbox.com/s/51bo22zb77yltcp/Adoptee%20worksheet%20template.xlsx?dl=0>

McGuire Chart – a useful visual representation of an atDNA matrix relative to a family tree ... <https://thegeneticgenealogist.com/2017/03/19/guest-post-the-mcguire-method-simplified-visual-dna-comparisons/>

Triangulation & Triangulated Segments

- Gedmatch Triangulation tool & Segment Search ... [www.GEDmatch.com](http://www.GEDmatch.com)
- Videos on Triangulated Segments
  - Andy Lee: How to Triangulate Your DNA Matches Using GEDmatch ... <https://youtu.be/ceYGV6RNfDE>
  - Andy Lee: What is a DNA Triangulation with a Crossmatch on GEDmatch? ... <https://youtu.be/wq10brEELjI>
  - Andy Lee: AncestryDNA: What is DNA Triangulation Using Shared Matches? ... [https://youtu.be/ffj\\_k34eIEE](https://youtu.be/ffj_k34eIEE)

- Michelle Leonard: Using Chromosome Browsers Segment Data and Triangulation ... [https://familytreewebinars.com/download.php?webinar\\_id=1276](https://familytreewebinars.com/download.php?webinar_id=1276)

Pile-up regions & Excess IBD regions

- ISOGG wiki on IBD segments ... [https://isogg.org/wiki/Identical\\_by\\_descent](https://isogg.org/wiki/Identical_by_descent)
- Locations for pile-ups ... <https://cruwys.blogspot.com/2018/01/small-segments-and-pile-ups.html>
- Blaine Bettinger: A Small segment round up ... <https://thegeneticgenealogist.com/2017/12/29/a-small-segment-round-up/>

Tools from the DNAadoption team ...

- 1) DNA Adoption website ... [www.DNAadoption.com](http://www.DNAadoption.com)
- 2) Autosomal DNA Segment Analyser (ADSA) ... <https://dnagedcom.com/adsa/Index.php>
- 3) <http://blog.kittycooper.com/2014/01/organizing-your-autosomal-dna-information-with-a-spreadsheet/>
- 4) Genetic Family website ... <https://genetic.family>

Genetic Affairs Autokinsip tool ... <http://www.geneticaffairs.com/features-autokinsip.html>

Ancestor Reconstruction (to help access your more distant matches) ...

- 1) Lazarus tool on [www.GEDmatch.com](http://www.GEDmatch.com)
- 2) Borland Genetics suite of tools for ancestor reconstruction ... <https://borlandgenetics.com>
- 3) Review of the methodology by Martin McDowell ... <https://youtu.be/C8REqT7DDP0>

Phasing tool on Gedmatch ... [www.GEDmatch.com](http://www.GEDmatch.com) (Tier 1)

Phasing - Whit Athey method ... <http://www.jogg.info/62/files/Athey.pdf>

Visual Phasing ... <https://thegeneticgenealogist.com/2016/11/21/visual-phasing-an-example-part-1-of-5/>

GenomeMate Pro ... <https://www.genomemate.org> and <https://www.getgmp.com> and <https://www.youtube.com/watch?v=j6sIwMlqMYo>

Legacies of British Slave-ownership website details amounts of compensation given to slaveowners for the loss of their slaves ... <https://www.ucl.ac.uk/lbs/person/view/22395>

## Y-DNA & Irish Surnames

FTDNA Y-DNA database size ... <https://www.familytreedna.com/why-ftdna>

STR vs SNP markers ... <https://dna-explained.com/2014/02/10/strs-vs-snps-multiple-dna-personalities/>

Y-DNA tests available from FTDNA ... <https://www.familytreedna.com/products/y-dna>

Human Migrations into Europe ...  
[https://www.eupedia.com/europe/origins\\_haplogroups\\_europe.shtml](https://www.eupedia.com/europe/origins_haplogroups_europe.shtml)

Recent advances in Y-Haplotree research ... <https://blog.familytreedna.com/human-y-chromosome-testing-milestones/>

Ireland's History in Maps (by Dennis Walsh) ... <http://sites.rootsweb.com/~irlkik/ihm/>

When did surnames start in Ireland? ...  
<https://dnaandfamilytreeresearch.blogspot.com/2020/04/when-were-surnames-introduced-to-ireland.html>

History & Classification of Surnames ... <https://en.wikipedia.org/wiki/Surname>

List of Irish DNA Projects ... [https://isogg.org/wiki/ISOGG\\_Ireland#Irish\\_DNA\\_Projects](https://isogg.org/wiki/ISOGG_Ireland#Irish_DNA_Projects)

Irish Clan Research – going back beyond surnames and exploring the triangular interplay between surnames, geography & DNA ...  
<https://dnaandfamilytreeresearch.blogspot.com/2020/04/toward-methodology-for-confirming-dna.html>

Woulfe's Surname Dictionary (*Irish Names & Surnames*) ...  
<https://www.libraryireland.com/names/contents.php>

O Hart's *Irish Pedigrees* online (or *The Origin and Stem of the Irish Nation*) ...  
<https://www.libraryireland.com/Pedigrees1/index.php>

Bart Jaski's genealogical tables of ancient Irish Clans ...  
[https://www.academia.edu/4144299/Genealogical\\_tables\\_of\\_medieval\\_Irish\\_royal\\_dynasties](https://www.academia.edu/4144299/Genealogical_tables_of_medieval_Irish_royal_dynasties)

Irish Clans ...

- 1) Introduction to Irish Clans ... [https://en.wikipedia.org/wiki/Irish\\_clans#cite\\_ref-7](https://en.wikipedia.org/wiki/Irish_clans#cite_ref-7)
- 2) List of Irish clans ... [https://en.wikipedia.org/wiki/List\\_of\\_Irish\\_clans](https://en.wikipedia.org/wiki/List_of_Irish_clans)
- 3) List of ancient Irish genealogies & annals ... [https://en.wikipedia.org/wiki/Irish\\_annals](https://en.wikipedia.org/wiki/Irish_annals)

The DNA signature of the Dal gCais ...

- Wright, Dennis (2009) - <http://jogg.info/pages/51/files/Wright.pdf>
- The Battle of Clontarf ... [https://dh.tcd.ie/clontarf/the\\_battle](https://dh.tcd.ie/clontarf/the_battle)
- Methodological considerations for establishing the DNA signature of an Irish Clan ... <https://dnaandfamilytreeresearch.blogspot.com/2020/04/toward-methodology-for-confirming-dna.html>
- O'Brian Clan website ... <http://www.obrienclansociety.com/conorf.htm>
- Sir Conor's 30-generation pedigree ... [https://en.wikipedia.org/wiki/Conor\\_O%27Brien,\\_18th\\_Baron\\_Inchiquin](https://en.wikipedia.org/wiki/Conor_O%27Brien,_18th_Baron_Inchiquin)

Surname Distribution Maps (Ireland) ...

- 1) John Grenham ... <https://www.johngrenham.com>
- 2) Shane Wilson ... <https://www.swilson.info/sdist.php>
- 3) Forebears ... <https://forebears.io/surnames>
- 4) Worldnames Public Profiler ... <http://worldnames.publicprofiler.org/Main.aspx>

Recent advances in Ancient Irish genetics ...

- 1) Genetic analysis of 4 ancient Irish skeletons (Rathlin Island & Ballynahatty) ... <http://www.obrienclansociety.com/conorf.htm>
- 2) The identification of Thomas Kent ... <https://youtu.be/SOLkkRigY1U>
- 3) Lara Cassidy's thesis (2017) ... A Genomic Compendium of an Island. Lara M. Cassidy, PhD thesis, Smurfit Institute of Genetics, Trinity College Dublin. (2017) at <http://www.tara.tcd.ie/handle/2262/82960>
- 4) A dynastic elite in monumental Neolithic society. Cassidy, L.M., Maoldúin, R.Ó., Kador, T. et al. Nature 582, 384–388 (2020). <https://doi.org/10.1038/s41586-020-2378-6>
- 5) List of publications relevant to Ancient Irish Genetic research ... [https://isogg.org/wiki/ISOGG\\_Ireland#Academic\\_publications\\_relevant\\_to\\_Irish\\_genetic\\_genealogy](https://isogg.org/wiki/ISOGG_Ireland#Academic_publications_relevant_to_Irish_genetic_genealogy)

Maurice Gleeson's Blog – DNA and Family Tree Research ...

<https://dnaandfamilytreeresearch.blogspot.com>

Maurice Gleeson's YouTube Channel ...

[https://www.youtube.com/channel/UCcPhbETNSaXAb0I\\_yMGqHYg/videos](https://www.youtube.com/channel/UCcPhbETNSaXAb0I_yMGqHYg/videos)

Genetic Genealogy Ireland website ... <https://ggi2013.blogspot.com>

Genetic Genealogy Ireland YouTube Channel ...

<https://www.youtube.com/c/GeneticGenealogyIreland>