

DNA Basics and New Tools

At Family Tree DNA

FTDNA Changes due to EU GDPRs

- EU General Data Protection Regulations went into effect May 2018
- FTDNA changed some of their privacy settings in order to comply
- Some of these changes have affected project administrators' ability to work with data of some members
- ALL of our project members need to revisit their privacy settings and adjust them as necessary

- Upper Left Corner of Your FTDNA Homepage
- Click on “Manage Personal Information”



Review Account Settings



1 - Adjust Privacy and Sharing Settings

Family Tree Sharing ⓘ

Select who is allowed to view your Family Tree. Sharing your Family Tree will help your genetic relatives discover how you are related to each other.

Private

Project Sharing ⓘ

Group Project Profile

Allow my Group Administrators to publish my [pseudonymized](#) DNA results and ancestor information in the public results pages.

Opt in to Sharing ☒

Your project profile may include any of the following: surname, haplogroups, earliest known ancestors, ancestral locations, and DNA results. The Group Administrator decides which of those items is included in the project profiles. Project profiles are always shared between project members.

Coding Region Sharing

Share my mitochondrial coding region data with Group Administrators in my projects.

Opt in to Sharing ☒

Your coding region data will not be shown publicly.

Save

2 - Adjust Project Preferences

Group Project Administrator Access Level Settings

To grant further access for each Group Project Administrator, please review the list below and select Limited or Advanced from the drop-down lists. We recommend Limited access to get the most out of your Group Project experience. However, if you have limited computer access or require assistance in managing your information, Advanced Access may be a more convenient choice for you.

Name	Role	Access
Lynn Teague	Admin	Limited 
Margaret Waters	Admin	Limited 
James Rickenbacker	CoAdmin	Limited 

I allow all future Administrators and Co-administrators of this project to have the following access to my account:

Limited 

Cancel

Accept

3 - Add Surnames

The screenshot shows the FamilyTreeDNA website interface. The browser address bar displays the URL <https://www.familytreedna.com/my/genealogy>. The navigation bar includes the FamilyTreeDNA logo, links for HOME, myDNA, myTREE, myPROJECTS, and ADD ONS & UPGRADES. The main content area is titled 'Genealogy' and features a sub-navigation bar with tabs for Account Information, Genealogy (selected), Privacy & Sharing, Project Preferences, and Notification Preferences. Below this, there are two tabs: 'Earliest Known Ancestors' and 'Surnames', with a red arrow pointing to the 'Surnames' tab. The 'Surnames' section is divided into two panels: 'Current Surnames' and 'Add New Surname'.

Current Surnames

Surname	Location	
Yonn/Yawn/Jahn	Orangeburgh District, SC/Switzerland	EDIT DELETE
Strein	Germany	EDIT DELETE

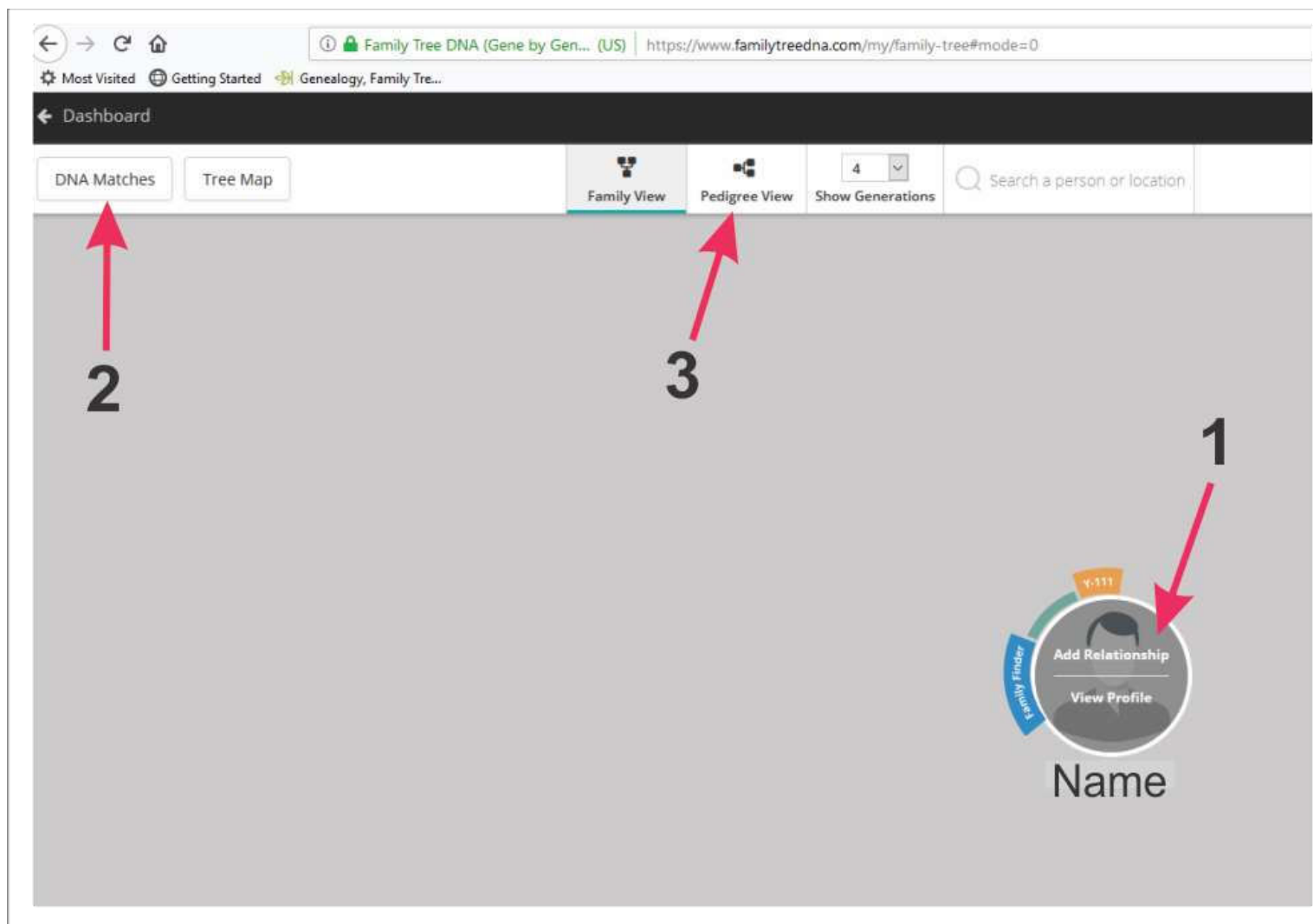
Add New Surname

Surname

Location

[SAVE](#)

Create A Tree & Link Known Relatives

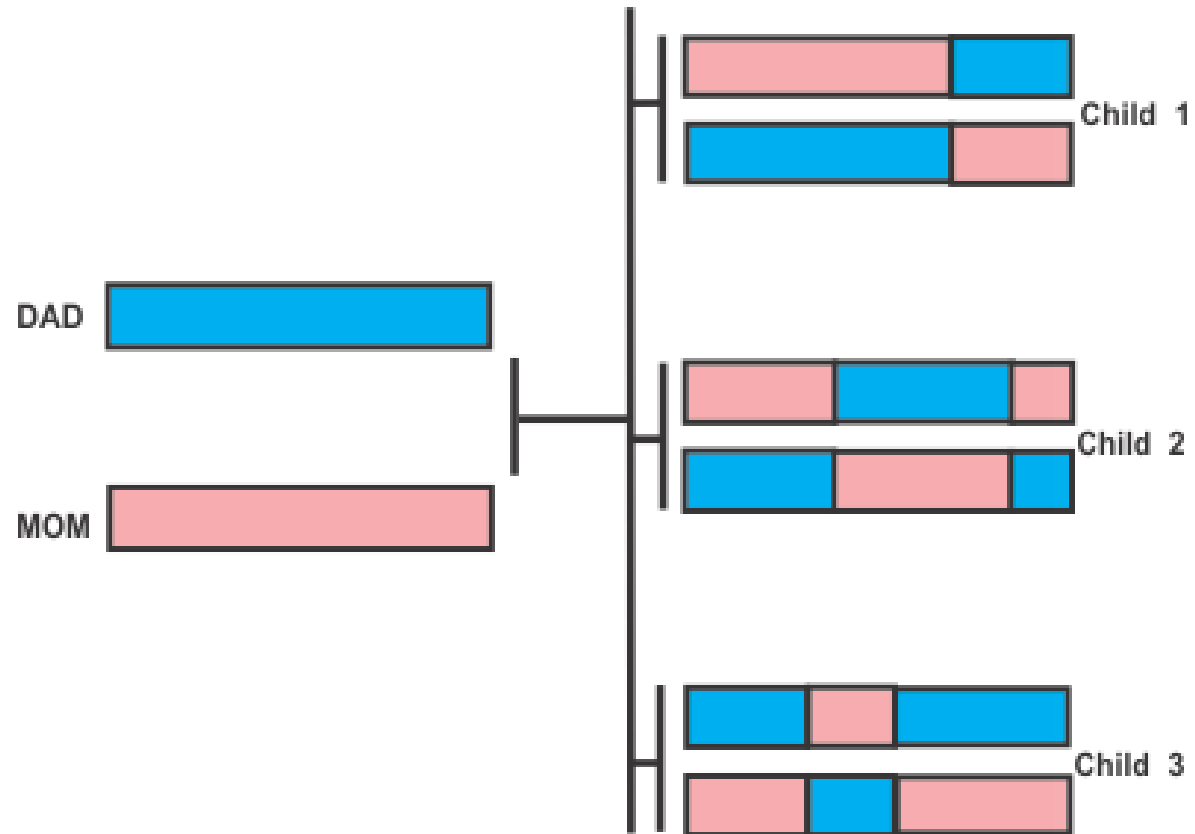


Matches get Sorted!!



<input type="checkbox"/>		Name	03/21/2018	3rd Cousin - 5th Cousin	54	14	X-Match
<input type="checkbox"/>		Name	06/11/2017	2nd Cousin - 4th Cousin	54	25	
<input type="checkbox"/>		Name	03/11/2015	4th Cousin - Remote Cousin	54	11	
<input type="checkbox"/>		Name	03/11/2015	4th Cousin - Remote Cousin	54	11	
<input type="checkbox"/>		Name	12/02/2015	2nd Cousin - 4th Cousin	54	27	
<input type="checkbox"/>		Name	03/05/2018	2nd Cousin - 4th Cousin	54	27	
<input type="checkbox"/>		Name	03/11/2015	4th Cousin - Remote Cousin	54	11	X-Match

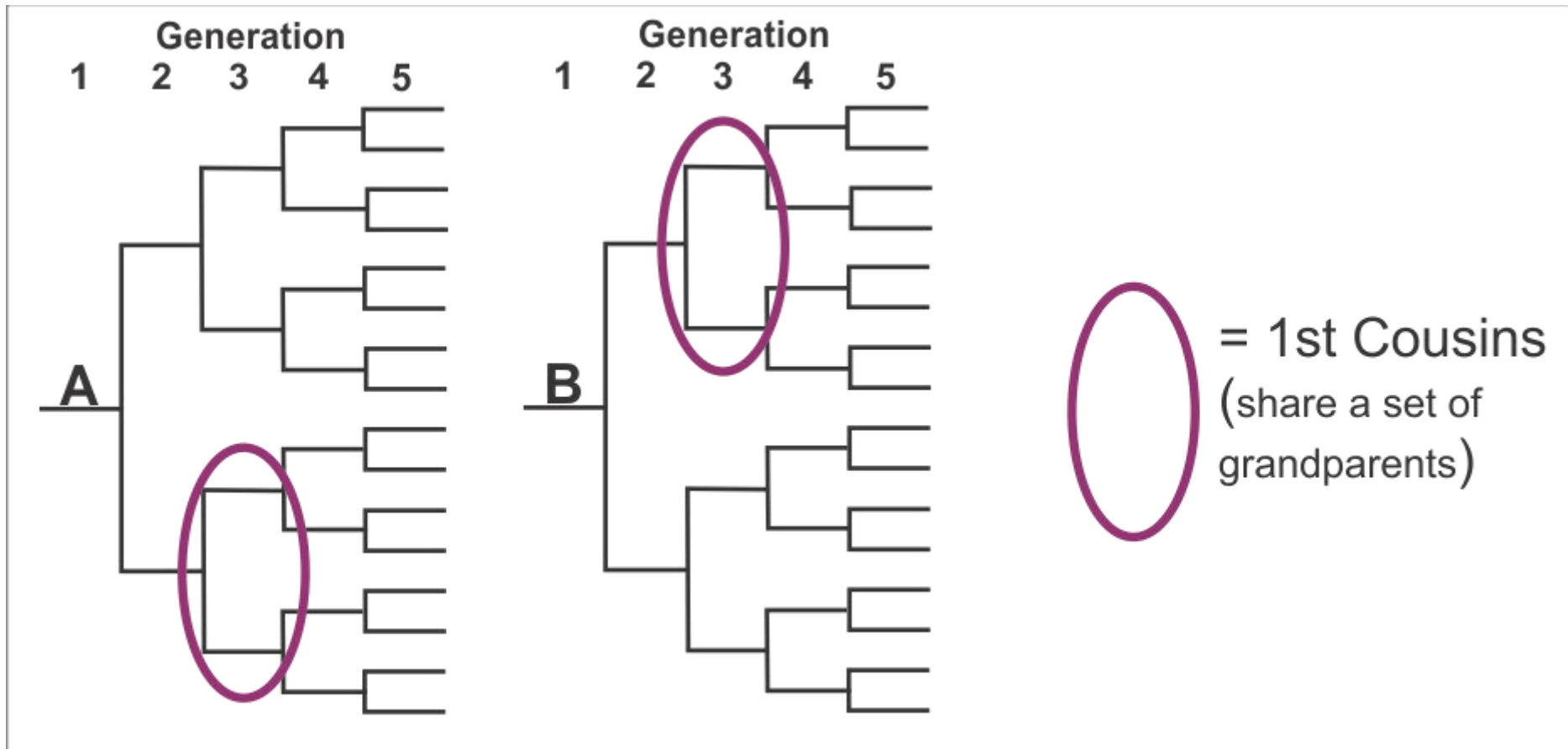
Recombination



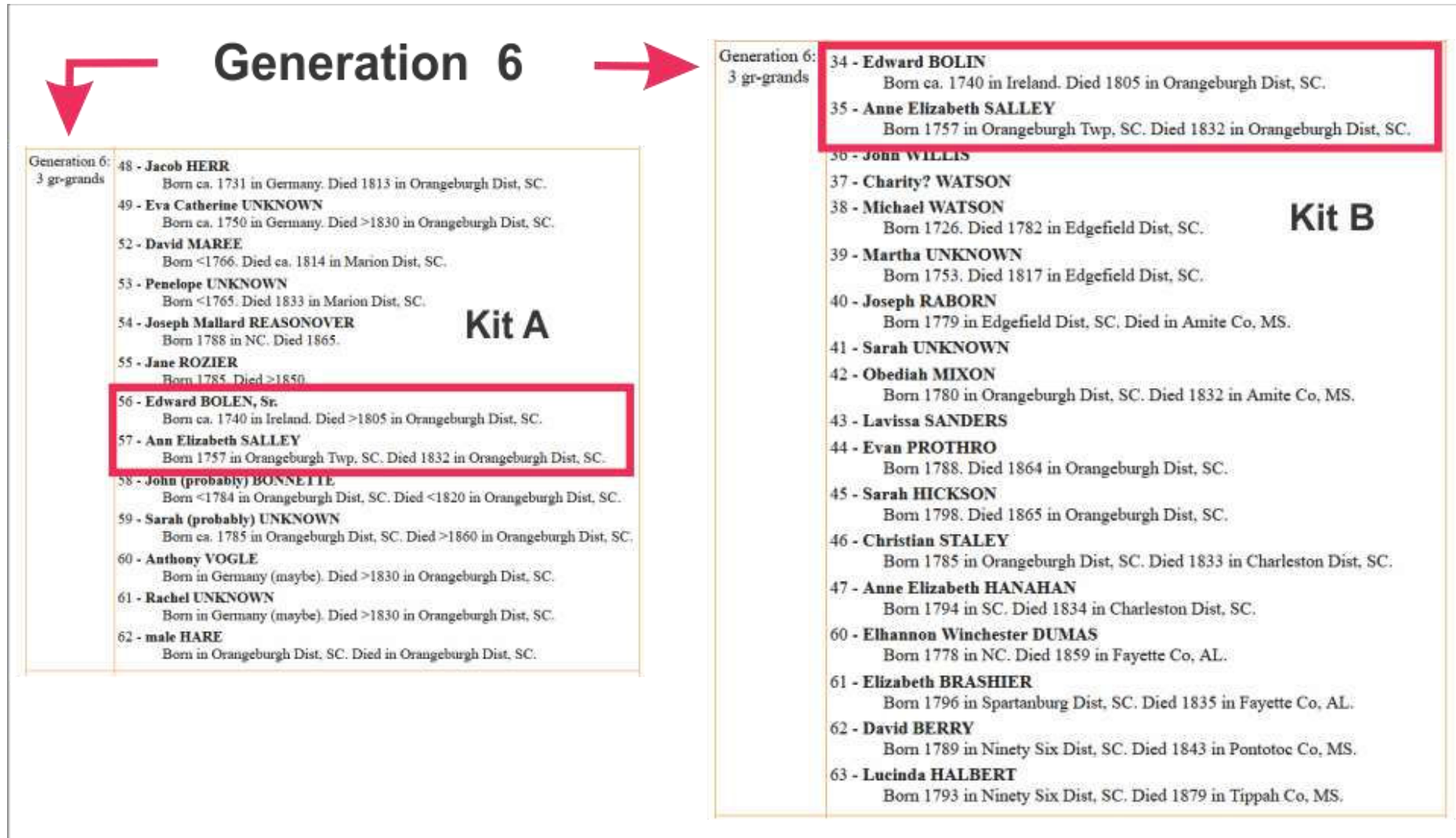
Segments (cM)

- Matches show relationship range based on combination of total segments and longest segment
- Focus on longest segments for best results:
- Segments 10 cM and above should come from a genealogically relevant common ancestral couple at least 90% of time
- Segments at 7 cM may be from genealogically relevant common ancestral couple only about 50% of time

Common Ancestral Couple(s)



Cousins



Generation 6

Generation 6:
3 gr-grands

- 48 - **Jacob HERR**
Born ca. 1731 in Germany. Died 1813 in Orangeburgh Dist, SC.
- 49 - **Eva Catherine UNKNOWN**
Born ca. 1750 in Germany. Died >1830 in Orangeburgh Dist, SC.
- 52 - **David MAREE**
Born <1766. Died ca. 1814 in Marion Dist, SC.
- 53 - **Penelope UNKNOWN**
Born <1765. Died 1833 in Marion Dist, SC.
- 54 - **Joseph Mallard REASONOVER**
Born 1788 in NC. Died 1865.
- 55 - **Jane ROZIER**
Born 1785. Died >1850.
- 56 - **Edward BOLEN, Sr.**
Born ca. 1740 in Ireland. Died >1805 in Orangeburgh Dist, SC.
- 57 - **Ann Elizabeth SALLEY**
Born 1757 in Orangeburgh Twp, SC. Died 1832 in Orangeburgh Dist, SC.
- 58 - **John (probably) BONNETTE**
Born <1784 in Orangeburgh Dist, SC. Died <1820 in Orangeburgh Dist, SC.
- 59 - **Sarah (probably) UNKNOWN**
Born ca. 1785 in Orangeburgh Dist, SC. Died >1860 in Orangeburgh Dist, SC.
- 60 - **Anthony VOGLE**
Born in Germany (maybe). Died >1830 in Orangeburgh Dist, SC.
- 61 - **Rachel UNKNOWN**
Born in Germany (maybe). Died >1830 in Orangeburgh Dist, SC.
- 62 - **male HARE**
Born in Orangeburgh Dist, SC. Died in Orangeburgh Dist, SC.

Kit A

Generation 6:
3 gr-grands

- 34 - **Edward BOLIN**
Born ca. 1740 in Ireland. Died 1805 in Orangeburgh Dist, SC.
- 35 - **Anne Elizabeth SALLEY**
Born 1757 in Orangeburgh Twp, SC. Died 1832 in Orangeburgh Dist, SC.
- 36 - **John WILLIS**
- 37 - **Charity? WATSON**
- 38 - **Michael WATSON**
Born 1726. Died 1782 in Edgefield Dist, SC.
- 39 - **Martha UNKNOWN**
Born 1753. Died 1817 in Edgefield Dist, SC.
- 40 - **Joseph RABORN**
Born 1779 in Edgefield Dist, SC. Died in Amite Co, MS.
- 41 - **Sarah UNKNOWN**
- 42 - **Obediah MIXON**
Born 1780 in Orangeburgh Dist, SC. Died 1832 in Amite Co, MS.
- 43 - **Lavissa SANDERS**
- 44 - **Evan PROTHRO**
Born 1788. Died 1864 in Orangeburgh Dist, SC.
- 45 - **Sarah HICKSON**
Born 1798. Died 1865 in Orangeburgh Dist, SC.
- 46 - **Christian STALEY**
Born 1785 in Orangeburgh Dist, SC. Died 1833 in Charleston Dist, SC.
- 47 - **Anne Elizabeth HANAHAN**
Born 1794 in SC. Died 1834 in Charleston Dist, SC.
- 60 - **Elhannon Winchester DUMAS**
Born 1778 in NC. Died 1859 in Fayette Co, AL.
- 61 - **Elizabeth BRASHIER**
Born 1796 in Spartanburg Dist, SC. Died 1835 in Fayette Co, AL.
- 62 - **David BERRY**
Born 1789 in Ninety Six Dist, SC. Died 1843 in Pontotoc Co, MS.
- 63 - **Lucinda HALBERT**
Born 1793 in Ninety Six Dist, SC. Died 1879 in Tippah Co, MS.

Kit B



Name



08/29/2014

4th Cousin - Remote Cousin

35

10

More Cousins

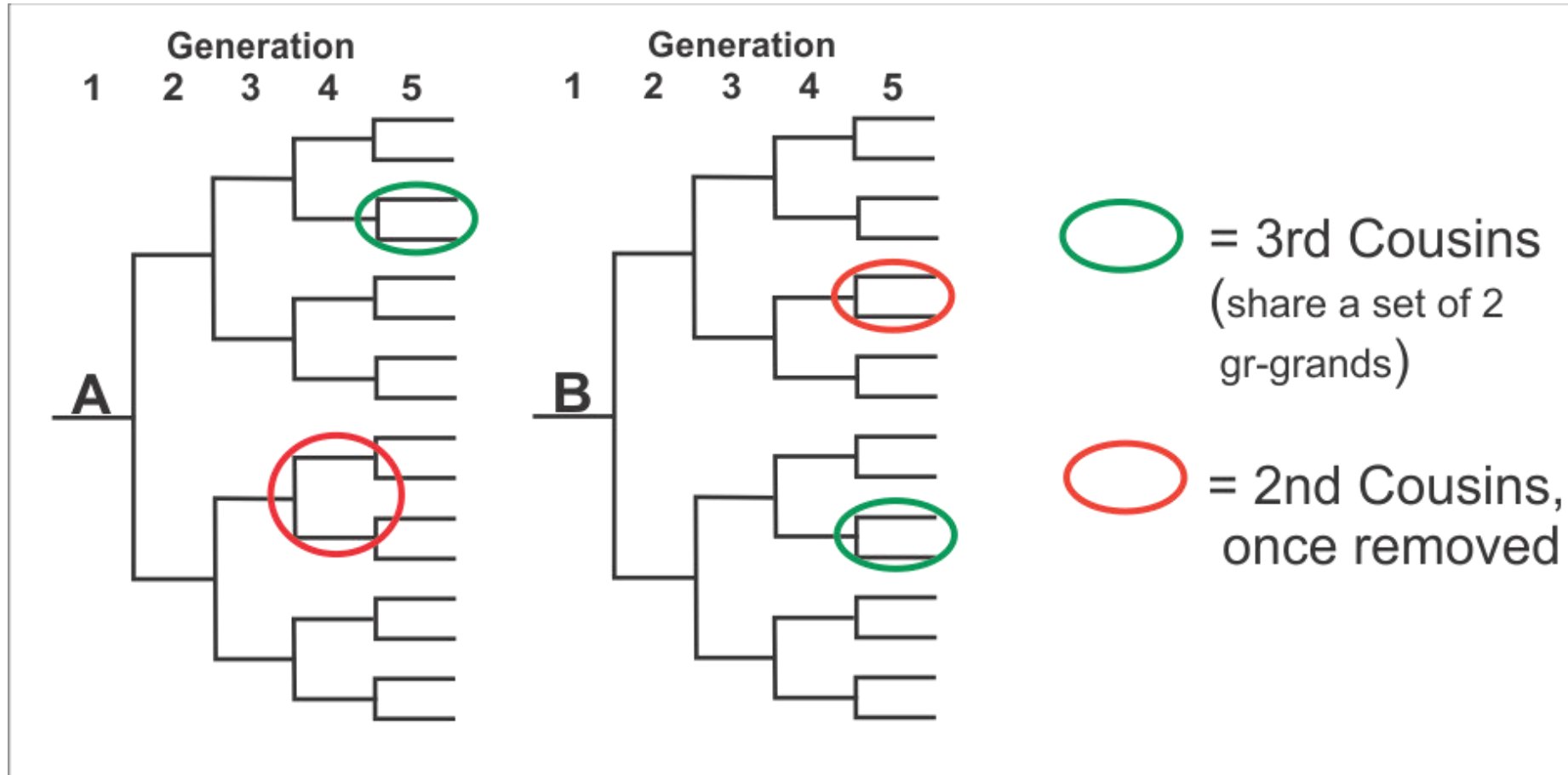
Generation 5: 2 gr-grands	16 - Hinrich GARTELMANN Born 1815 in Neuendam, Germany..
	17 - Adelheid HELMKEN Born 1817 in Nordwede, Germany. Died 1888 in Burgdamm, Germany.
	18 - male LUTKEMEIR
	19 - female UNKNOWN
	20 - Otto Carsten BOSCHEN Born 1800 in Schiffdorf, Germany. Died 1874 in Wulsdorf, Germany.
	21 - Marie E. HARTMANN Born 1806 in Wulsdorf, Germany. Died 1856 in Wulsdorf, Germany.
	22 - Heinrich MEYER Born 1785 in Grossenberkel, Germany..
	23 - Dorothea REDEKER Born 1798 in Grossenberkel, Germany..
	24 - Adam HARE Born ca. 1784 in Orangeburgh Dist, SC. Died 1843 in Orangeburgh Dist, SC.
	25 - Barsha J. UNKNOWN Born 1796 in Orangeburgh Dist, SC. Died 1885 in Berkeley Co, SC.
	26 - William Hodge MAREE Born ca. 1812 in Marion Dist, SC. Died 1865 in Charleston Dist, SC.
	27 - Mary Ann REASONOVER Born 1820 in Marion Dist, SC. Died 1860 in Charleston Dist, SC.
	28 - Edward BOLEN, Jr. Born ca. 1790 in Orangeburgh Dist, SC. Died 1853 in Orangeburgh Dist, SC.
	29 - Mary S. BONNETTE Born ca. 1807 in Orangeburgh Dist, SC. Died 1876 in Orangeburg Co, SC.
	30 - Daniel FOGLE Born ca. 1786 in Orangeburgh Dist, SC. Died 1858 in Orangeburgh Dist, SC.
	31 - Charlotte HAIR Born ca. 1802 in Orangeburgh Dist, SC. Died 1885 in Orangeburg Co, SC.

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	Generation 7
Generation 7: 4 gr-grands	76 - William DIGGS
	77 - Susan "Sukey" UNKNOWN Born ca. 1800 in Nelson Co, VA..
	80 - Henry MURPHY Born 1790 in Orangeburgh Dist, SC. Died ca. 1855 in Orangeburgh Dist, SC.
	81 - Mary Ann GRAY Born 1803 in Orangeburgh Dist, SC. Died in Orangeburgh Dist, SC.
	82 - Edward BOLEN, Jr. Born ca. 1790 in Orangeburgh Dist, SC. Died 1853 in Orangeburgh Dist, SC.
	83 - Mary S. BONNETTE Born ca. 1807 in Orangeburgh Dist, SC. Died 1876 in Orangeburg Co, SC.
	124 - Henry P. GAINES Born 1792 in SC. Died ca. 1855 in Cass Co, GA.
	125 - Anna DAVIS Born ca. 1792 in VA. Died 1861 in Cass Co, GA.
	127 - Lucinda UNKNOWN Born ca. 1810 in SC..

Kit B

Multiple Cousin Relationships



Chromosome Browser

Family Tree DNA (Gene by Gen... (US) | https://www.familytreedna.com/my/familyfinder

Genealogy, Family Tre...

FamilyTreeDNA

HOME myDNA myTREE myPROJECTS


Family Finder - Matches

Most Common

Search name or ar

Chromosome Browser In Common With Not In Common With Reset Filter

All (1764) Paternal (0) Maternal (612) Both (0)

	Name	Match Date	Relationship Range	Shared Centimorgans	Longest Block	X-Mat
<input type="checkbox"/>	 Name	03/14/2013	Half Brother, Grandfather/Grandson, Uncle/ Nephew	1,240	95	

Using Chromosome Browser

The screenshot displays the 'Family Finder - Chromosome Browser' interface. At the top, the title 'Family Finder - Chromosome Browser' is followed by a 'Chromosome Browser Tutorial' button. Below this, a section for 'Optional Views' includes links to 'Download to Excel (CSV Format)', 'View this data in a table', and 'Download All Matches to Excel (CSV Format)'. The main area is divided into a 'Compare List' on the left and a 'List of Matches' on the right. The 'Compare List' shows five entries, each with a person icon, a name, the number of shared segments, and a colored square. The 'List of Matches' shows eight horizontal bars representing chromosomes, with colored segments indicating matches. A red arrow points to the 'List of Matches' section.

1 Family Finder - Chromosome Browser

2 Optional Views: [Download to Excel \(CSV Format\)](#) [View this data in a table](#) [Download All Matches to Excel \(CSV Format\)](#)

3

Compare List 5+ cM Remove

Name	Shared Segments
Name	27
Name	18
Name	19
Name	14
Name	17

[Reset Defaults](#) [Clear Compare List](#)

Filter Matches by... 1 - 10 of 1764

List of Matches

Mapping Your Chromosomes

DNA PAINTER [Help](#) [Tools](#) [Sign in](#) [Register](#)

MAP DNA SEGMENTS TO YOUR ANCESTORS

DNA PAINTER PROVIDES A USER-FRIENDLY ONLINE TOOL FOR CHROMOSOME MAPPING

7 8 9 10 11 12 13

GGG Grandfather Richard b. 1796
GG Grandmother Elizabeth b. 1848
GG Grandfather Joe b. 1827
GG Grandmother Friede b. 1850
Great Grandfather George
Grandfather Carl
Grandmother Ann
Grandmother Selina
Grandfather Henry
Unknown (Grandmother Ann)

CHROMOSOME MAPPING IS THE ULTIMATE PUZZLE!

- Use your DNA test results to find out the ancestors from whom you inherited specific segments of your DNA.
- As you map your chromosomes, you will be more able to trace and connect new DNA matches as they appear.

[More about DNA Painter](#) [Register for a free account](#)