

Chastain Y-DNA Project



Chastain Y-DNA Project

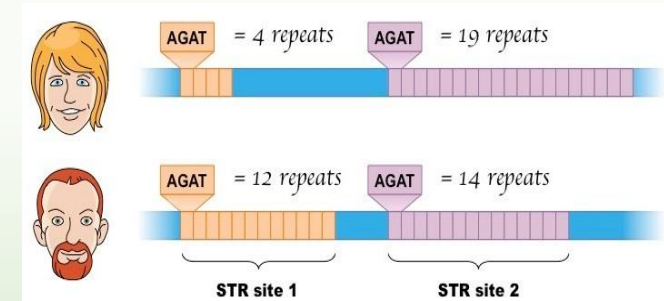
Two Types of Y-DNA tests:

- ❖ STR – Short Tandem Repeat – generic paternity
- ❖ SNP (Snip) – Single Nucleotide Polymorphism – deep ancestry

The STR tests (Y-37 to Y-111) will determine a degree of relatedness, that a group of men share a common ancestor. But, they can not determine who that ancestor is. Markers can fluctuate between generations. Good entry level tests with upgrade options for Big Y.

The SNP test (Big Y-700) can create a genetic tree if enough men up and down a lineage test. SNP markers are stable, are passed on to succeeding generations. SNP's can pinpoint genetic branching and via conventional genealogy can pinpoint a specific common ancestor.

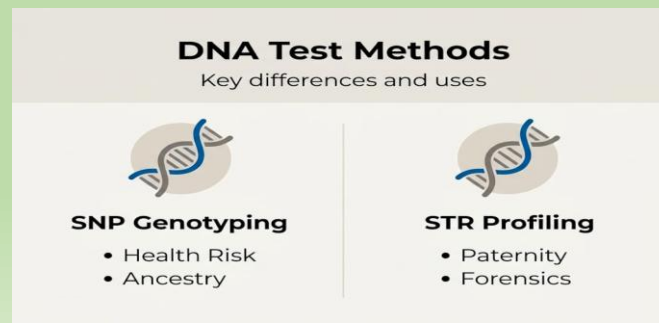
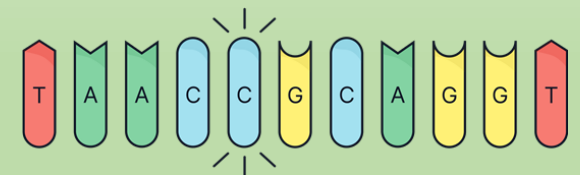
The Chastain Y-DNA Project's main emphasis is the SNP test (Big Y).



Original sequence



Base substitution



Chastain Y-DNA Project

Basic Y-DNA (Big Y Test) Terminology

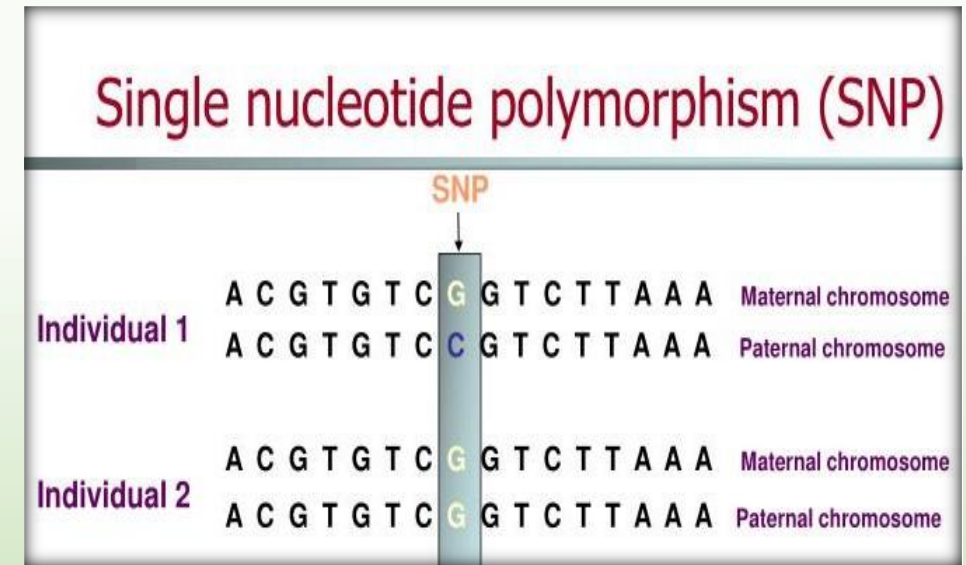
❖ SNP – Single Nucleotide Polymorphism

Sometimes a small copy error occurs where one building block chemical is substituted for another on the opposite DNA strand. This change is then passed down to succeeding generations.

❖ Haplogroup – A haplogroup is a **SNP** that has been identified in 2 or more males. Once a SNP is detected in two or more persons, it will be named as a Haplogroup, placed on the **Haplotree**, or genetic tree, as a branching point

❖ Private Variant – A **SNP** that a tester is positive for not in common with any other person testing. Once a second person tests for this SNP it is no longer “private” and becomes a **haplogroup**.

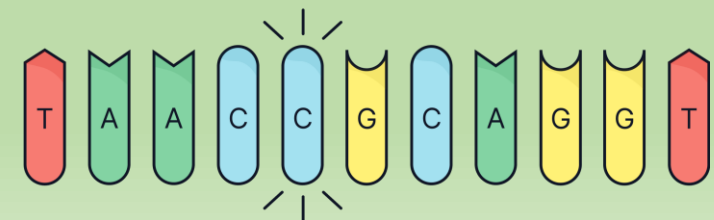
❖ SNP Path – A man just doesn't have one Haplogroup but rather a string going back in time



Original sequence



Base substitution

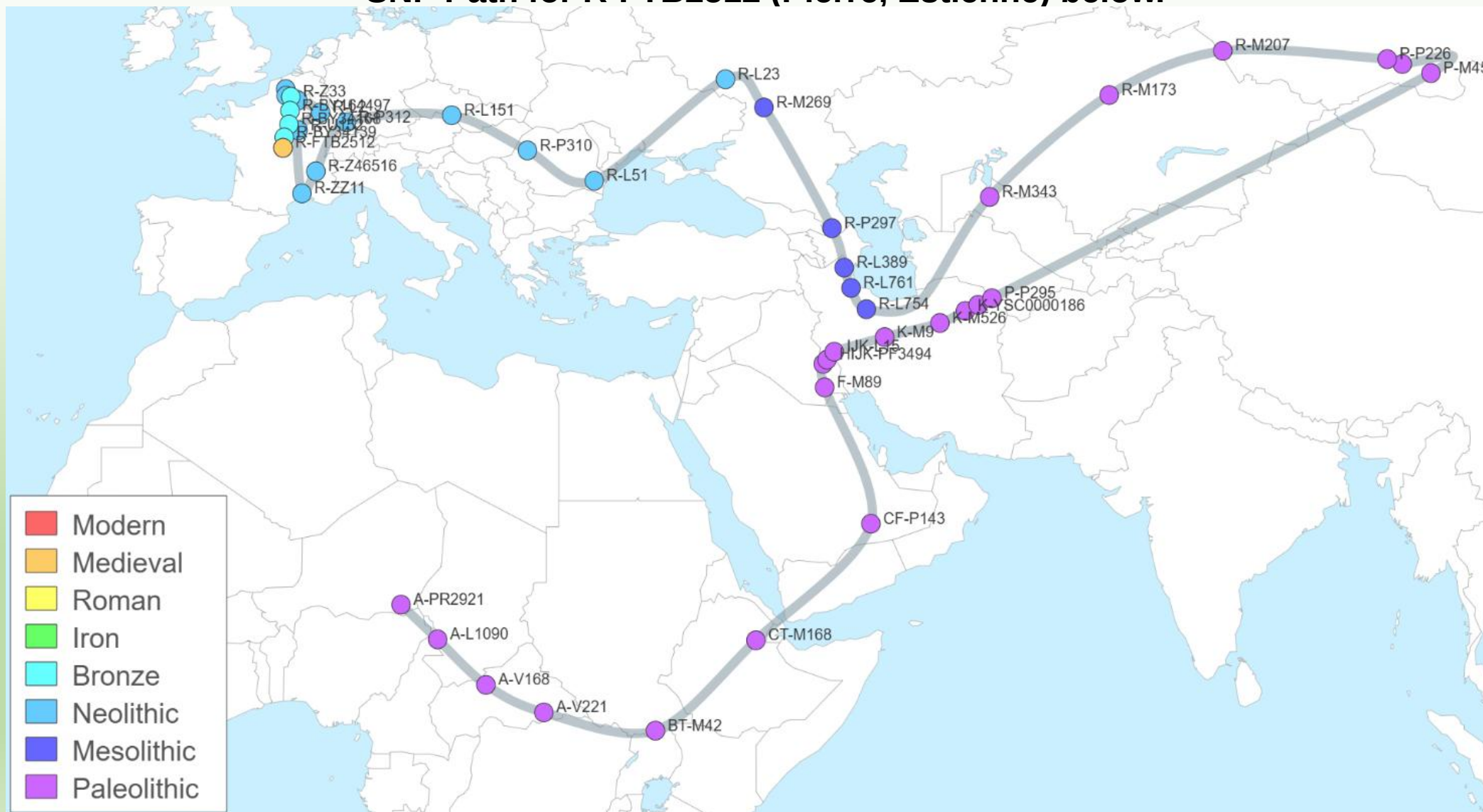


Chastain Y-DNA Project

- ❖ One man will have thousands of SNPs (and haplogroups).
- ❖ SNPs are inherited from one generation to the next, generation to generation, from fathers to sons along a continuous “SNP Path”.
- ❖ Each SNP having formed in a different paternal ancestor.
- ❖ SNP's typically do not occur each generation, the average is 1 SNP per 2.3 generations.
- ❖ When a SNP change occurs in two men of the same existing haplogroup, it marks a more recent common ancestor for them and a new genetic branch in a family.
- ❖ People may share a surname but if they do not share a common SNP Path, they do not share a common male ancestor. Likewise, if two men of different surnames share a SNP Path/Haplogroup, then they share a common male ancestor.

Chastain Y-DNA Project

SNP Path for R-FTB2512 (Pierre, Estienne) below.



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SNP Path for R-FTB2512 (Pierre, Estienne) below.

*Equivalents: A44, A7055,
FTB2580, FTB2625, FTB2871,
FTB2872, FTB3060, FTB3064,
FTB3572, FTB3589, FTB3709,
FTB3809, FTB3839, FTB3912,
FTB4077, FTB4464, FTB45233,
FTB45513, FTB4645, FTB5414,
FTB54397, FTB54417,
FTB54418, FTB54419,
FTB54420, FTB5466, FTB5483,
FTB5534, FTB5535, FTB72645,
MF92098*

R-M269	4450 BCE	5370 BCE - 3650 BCE
R-L23	4350 BCE	5240 BCE - 3560 BCE
R-L51	4110 BCE	4970 BCE - 3350 BCE
R-P310	3380 BCE	4140 BCE - 2710 BCE
R-L151	3030 BCE	3740 BCE - 2400 BCE
R-P312	2840 BCE	3520 BCE - 2230 BCE
R-Z46516	2770 BCE	3440 BCE - 2170 BCE
R-ZZ11	2750 BCE	3420 BCE - 2150 BCE
R-U152	2630 BCE	3300 BCE - 2050 BCE
R-L2	2630 BCE	3310 BCE - 2040 BCE
R-Z258	2540 BCE	3220 BCE - 1940 BCE
R-Z367	2450 BCE	3120 BCE - 1860 BCE
R-Z34	1960 BCE	2590 BCE - 1410 BCE
R-Z33	1810 BCE	2430 BCE - 1270 BCE
R-BY164497	1770 BCE	2410 BCE - 1210 BCE
R-BY34168	1410 BCE	2080 BCE - 850 BCE
R-BY34139	1150 BCE	1790 BCE - 620 BCE
R-BY92884	550 BCE	1090 BCE - 98 BCE
R-FTB2512	1620 CE	1520 CE - 1710 CE

Chastain Y-DNA Project

Result Interpretation, Take-Aways

1. Established a “**Chastain Clade**” Haplogroup, **R-FTB2512**, for **Pierre Chastain**. Descendants of all three of Pierre’s documented sons are positive for this SNP. If you are a male descendant of Pierre Chastain you will be positive for this SNP.
2. Rene Chastain, Sr. can not be the antecedent of any of the assigned men to his brother Peter, Jr. Rene’s descendants are post Pierre Haplogroup **R-FTC77767**.
3. The Revolutionary War Soldier James Chasteen and his assumed brother Jesse descend from the same man, post Pierre, as George and Robert Ransom Chastain...They are genetic sons of **William Chastain, R-FTB4515**.
4. Haplogroup **FTC75609** contains descendants of Rev. John Chastain. A person testing with an unknown lineage and positive for **R-FTC75609** would descend from **Rev. John**.
5. Under Rev. John’s Haplogroup, descendants of 3 of Abner’s proposed sons are positive for a new SNP formed in Abner, **R-FTD43063**. Proving their lineage to Abner and Abner’s to Rev. John.
6. The Ohio Shasteen family, unfortunately, are not genetic male descendants of Pierre Chastain, their haplogroup is I-M253.
7. R-Y86031 is a post Pierre (FTB2512) Haplogroup shared by descendants of Abraham, Rene (Son of Peter) and assigned descendants of Rev. James (Stephen, Obadiah, etc.). Not present in William and Rev. John descendants.

Chastain Y-DNA Project

R-FTB2512

- The Chastain Clade Haplogroup
- Originated in Pierre or Etienne, etc.
- Descendants of all 3 of Pierre's sons + for this SNP

❖ R-FTB45915 – William Chastain Group

- George Chastain c. 1766
- Robert Ransom Chastain c. 1770
- James Chasteen (RWS) c. 1761 *
- Jesse Chasteen/Shasteen c. late 1750's-65 *

❖ R-FTC75609 – Rev. John Chastain Group

- Elijah Chastain descendants
- Rev. Joseph Chastain descendants

❖ R-FTD43063 – Abner Chastain c. 1765 **

- William Chastain c. 1785
- Abner Chastain II c. 1810-15 **
- Edward "Ned" Chastain c. 1819 **

❖ R-FTF20113 – Edward Brigand Chastain c.1769

- ❖ "Hootchie" John Chastain
- ❖ Edward Bruce Chastain
- ❖ Joseph Carleton Chastain

❖ R-Y86031 – Descendants of 1) Rev. James Chastain, 2) Abraham Chastain, and 3) Rene, Son of Peter

- Obadiah Chastain c. 1785
- Absalom Chastain c. 1785 (James 1812 NC) ***
- John Chastain c. 1807

❖ R-FTE9604 – Rene c. 1748 "Son of Peter"

❖ R-FTC39394 – Stephen Chastain 1762 Group

- Royal Chastain c. 1790 SC ***
- James Chastain c. 1800 SC
- Sanford Chastain c. 1820 (James, above?)
- Allen Chastain c. 1838 (John 1790??)

❖ R-FTC77767 – Rene Chastain, Sr. b. 1713

- Peter Chastain b. 1736
- Rev. Rene Chastain, Jr. b. 1742

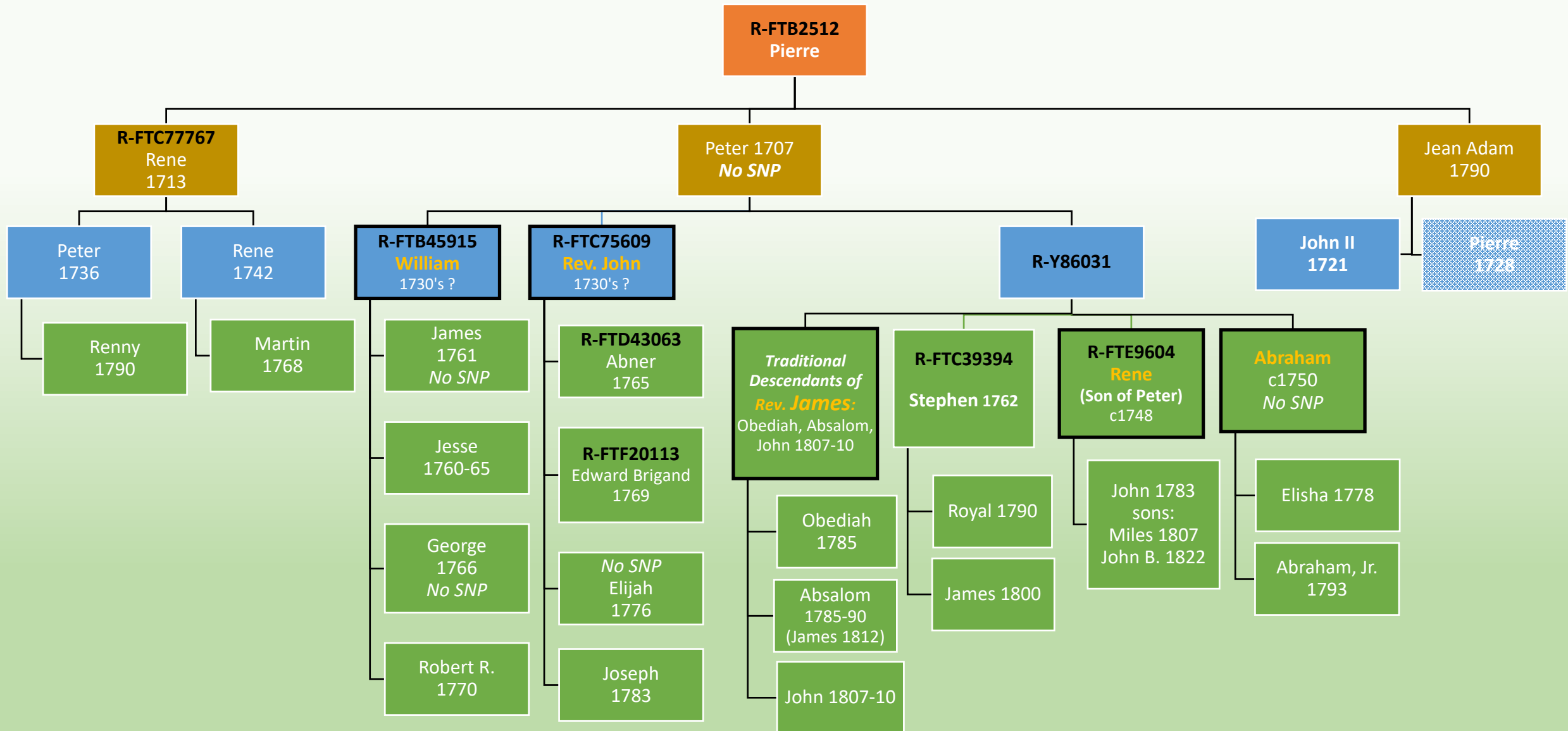
* Prior to yDNA testing the lineage was unknown.

** Presumptive lineage prior to yDNA testing.

*** Lineage change due to yDNA testing.

R-Y86031 – a brother to William and Rev. John, who?

Haplogroup SNP's applied to our current genealogy



Haplogroup SNP's applied to our current genealogy

Everyone post Pierre, including descendants down to the present generation, is **positive for R-FTB2512**.

2nd Generation:

- ❖ There are not enough present-day testers to determine if **Jean Adam** had a unique SNP.
Rene Chastain, Sr. born 1713 has a distinct marker/SNP/Haplogroup in **R-FTC77767** that all his descendants carry.
- ❖ It is apparent that **Peter Chastain, Jr.** did not have a unique marker/SNP that he passed down.

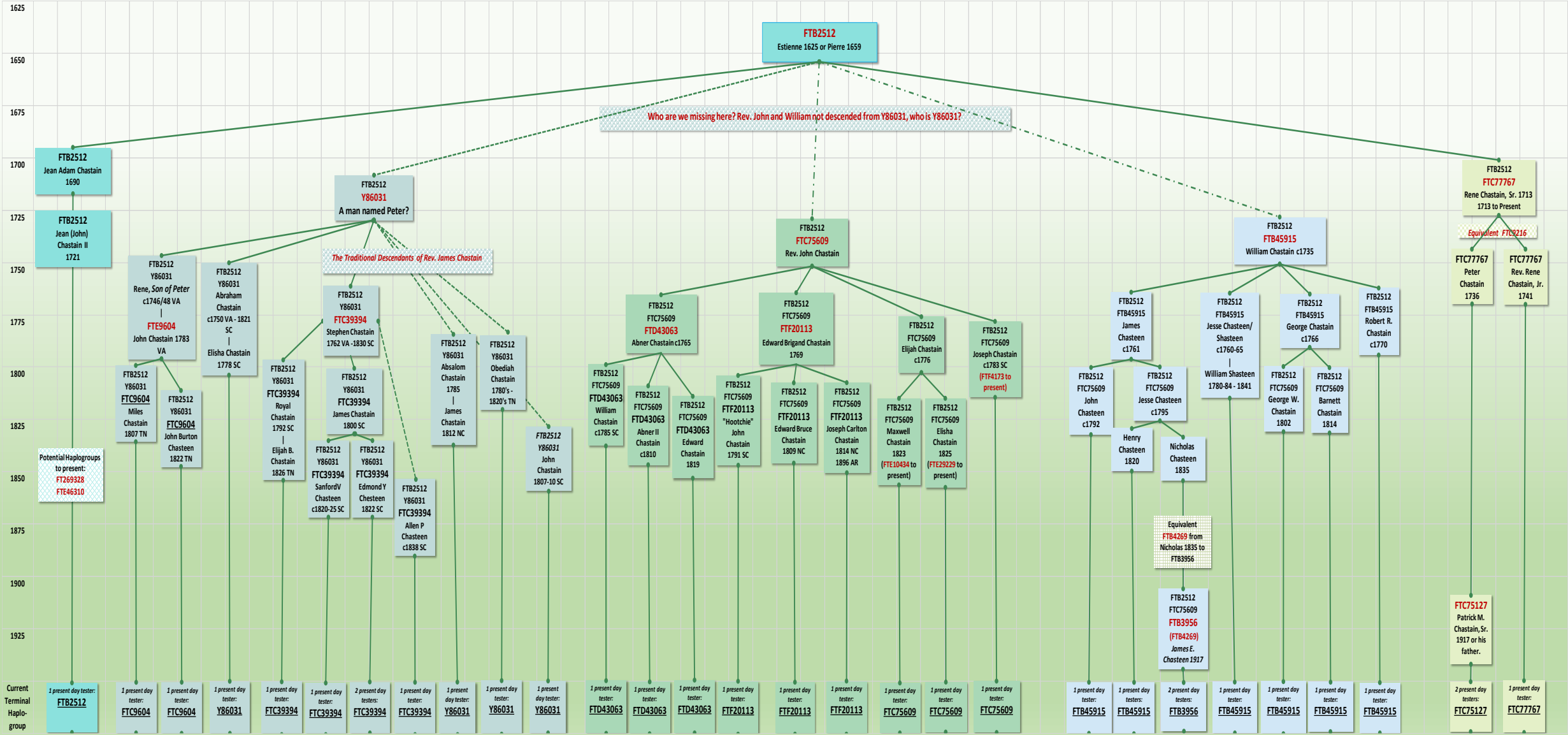
3rd Generation:

- ❖ In the third generation both **William (R-FTB45915)** and **Rev. John (R-FTC75609)** have unique SNP's handed down to their descendants.
- ❖ The SNP/marker **R-Y86031** is the ancestor of **Rene (designated as "Son of Peter), Abraham Chastain** born circa 1750, and the **traditional descendants** of **Rev. James Chastain**. Rene, Abraham, and James currently assigned as sons of Peter, Jr. But, these three men, genetically, are 4th generation men rather than 3rd. So, Y86031 is a currently unknown male in our lineages.
- ❖ In Rev. John's line, two of his four sons, whose descendants have tested, also passed on unique SNP's to their descendants. **Abner (R-FTD43063)** and **Edward Brigand (R-FTF20113)**. Since we have descendants of two sons of Elijah who did not match other than on Rev. John, it is apparent that **Elijah did not have a unique SNP**.
- ❖ Under the Y86031 Haplogroup, descendants of **Stephen Chastain (1762-1830)** carry **FTC39394** and descendants of **Rene, Son of Peter** carry **FTE9604**.

Remember, you have a SNP path back in time. For example, if you descend from Edward Brigand Chastain you are **positive for** any **unmatched variants** that occurred in men between you and Edward Brigand, then FTF20113 that occurred in Edward, then FTC75609 in Rev. John, and then FTB2512 that occurred in Pierre (or an ancestor of Pierre's).

	Unmatched Variants	Edward Brigand	Rev. John	Pierre
Present Descendant of Edward B.	R-FTX1111,R- FTX222	R-FTF20113	R-FTC75609	R-FTB2512

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Y-DNA STR Table

	HAPLOGROUP 1	HAPLOGROUP 2	Current Terminal HAPLOGROUP	5th GENERATION LINEAGE(below) ----- Group Modal(left):	13	24	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	39	12	12	
DavidR	R-FTB2512	R-FTB2512	R-FTB2512	Edward G., John III, John II, Jean Adam, Pierre	13	24	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	16	17	10	12	19	23	16	15	18	17	37	39	12	12	
Cap	R-FTB2512	R-FTC77767 (Rene Chastain, Sr.)	R-FTC77767	Sylas, Martin, Rev. Rene II, Rene, Pierre	13	23	13	11	11	11	11	12	12	12	13	13	29	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	17	37	39	12	12	
Pat		R-FTC75127	Solomon, Renny, Peter, Rene, Pierre	13	24	13	11	11	11	11	12	12	12	13	13	16	19	9	10	11	11	24	15	19	29	15	16	17	17	10	11	19	23	16	15	19	18	37	39	12	12		
Tom			Solomon, Renny, Peter, Rene, Pierre	13	24	13	11	11	11	11	12	12	12	13	13	16	19	9	10	11	11	24	15	19	29	15	16	17	17	10	11	19	23	16	15	19	18	37	39	12	12		
Spence	R-FTB2512	R-Y86031 (A man named Peter-?)	R-Y86031	George W., Elisha, Abraham, Peter II, Pierre	13	24	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	39	12	12	
William				George W., Elisha, Abraham, Peter II, Pierre	13	24	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	39	12	12	
Chris				William, Abraham, Peter II, Pierre	13	24	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	40	12	12	
Rusty				James, Absalom/Abrm, Rev. James, Peter II, Pierre	13	24	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	11	19	23	16	15	19	16	37	39	12	12	
JamesRobert				William, Obadiah/Abrm, Rev. James, Peter II, Pierre	13	24	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	39	12	12	
Rick			R-FTE9604	John, Abrahm/JamesII, Rev. James, Peter II, Pierre	13	24	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	9	12	19	23	16	15	19	16	37	39	12	12	
Edwin				Miles, John, Rene, Peter II, Pierre	13	23	13	11	11	11	11	12	12	12	13	13	29	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	39	12	12	
TerryLee			Rene S.O.P.	John B., John, Rene, Peter II, Pierre	13	23	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	39	12	12	
Hovis			R-FTC39394 (Stephen Chastain)	Sanford, James, Stephen, Rev. James, Peter II, Pierre	13	24	13	11	11	11	11	12	12	12	13	13	16	19	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	40	12	12	
Jimmy				Edmond, James, Stephen, Rev. James, Peter II, Pierre	13	24	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	38	12	12	
Hilliard				Edmond, James, Stephen, Rev. James, Peter II, Pierre	13	24	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	39	12	12	
Thane	Allen...Stephen, Rev. James, Peter II, Pierre	13		24	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	39	12	12			
Taylor	Elijah, Royal, Stephen?, Rev. James, Peter II, Pierre	13	24	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	15	37	39	12	12				
richard					13	24	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12					16	40	12				
Jerry	R-FTB2512	R-FTC75609 (Rev. John Chastain)	FTD43063 (Abner Chastain)	William, Abner, Rev. John, Peter II, Pierre	13	24	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	39	12	12	
EarnestJay				Edward, Abner, Rev. John, Peter II, Pierre	13	24	13	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	28	15	16	17	17	10	12	19	23	16	15	19	16	37	39	12	12		
Rodney				Abner II, Abner, Rev. John, Peter II, Pierre	13	24	13	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	16	17	10	12	19	23	16	15	19	16	37	39	12	12		
Elvis			FTF20113 (Edward B. Chastain)	Edward Bruce, Edward B., Rev. John, Peter II, Pierre	13	24	13	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	39	12	12		
GaryGene				Joseph C., Edward B., Rev. John, Peter II, Pierre	13	24	13	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	18	16	37	39	12	12		
John				Hootchie John, Edward B., Rev. John, Peter II, Pierre	13	24	13	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	16	17	10	12	19	23	16	15	19	16	37	40	12	12		
JohanC			R-FTC75609	John C., Rev. Joseph, Rev. John, Peter II, Pierre	13	24	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	16	17	10	12	19	23	16	15	18	16	37	39	12	12	
Manley				Maxwell, Elijah, Rev. John, Peter II, Pierre	13	24	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	15	15	19	16	38	39	12	12	
Ricky				Elisha, Elijah, Rev. John, Peter II, Pierre	13	24	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	11	19	23	16	15	19	16	37	39	12	12	
David	R-FTB2512	R-FTB45915 (William Chastain)	R-FTB45915	James M., George W., William, Peter II, Pierre	13	24	13	11	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	40	12	12	
MichaelE				Barnett, George W., William, Peter II, Pierre	13	24	13	12	11	11	11	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	39	12	12		
TerryA				John, Robert R., William, Peter II, Pierre	13	24	13	12	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	38	12	12	
AL				William, Jesse, William, Peter, Pierre	13	24	13	12	11	11	11	12	12	12	13	13	17	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	39	12	12	
Ronald				John, JamesRWS, William, Peter, Pierre	13	24	13	12	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	14	16	17	17	10	12	19	23	16	15	19	16	37	38	12	12	
PaulChester			Jesse, JamesRWS, William, Peter, Pierre	13	24	13	13	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	39	12	12		
MichaelA			R-FTB3956	Jesse, JamesRWS, William, Peter, Pierre	13	24	13	13	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	39	12	12	
Gary	Jesse, JamesRWS, William, Peter, Pierre	13		24	13	13	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	39	12	12			
STR and Family Finder Members (please consider upgrading to Big Y)																																											
Albert	R-M269			John B. II, John B., Rene, Peter II, Pierre	13	23	13	11	11	11	11	12	12	12	14	13	16																										
CPhillip	R-M269			John, Stephen, Rev. James, Peter II, Pierre	13	24	13	11	11	11	11	12	12	12	11	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	19	16	37	39	13	12
Paul	Pending			George W., Elisha, Abraham, Peter II, Pierre																																							
Roger	R-M269	R-Z34	R-FTB2512	Barnett, George W., William, Peter II, Pierre																																							
Gordon	R-M269	R-Z34	R-FTB2512	Barnett, George W., William, Peter II, Pierre	13	24	13	12	11	11	11	12	12	12	13	13	16	18	9	10	11	11	24	15	19	29	15	16	17	17	10	12	19	23	16	15	18	16	37	39	12	12	
JamesL	R-M269			William, Abner, Rev.																																							

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Questions and comments