

Little/Klein Germany/Pennsylvania/North-Carolina Family

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Genealogy

The author is a member of the [Capt. Daniel Little/Klein](#) family. In the early 1950s Lawrence (Larry) Lewis Little, a double cousin of the author's father, Fred Lloyd Roper, initiated genealogy studies of the Capt. Daniel Little family. During visits with the Fred Roper family the author was informed about Larry Little's genealogy and later, along with many other members of this Little/Klein family, I carried on the genealogy work.

In 1967 Larry Little and his 2nd cousin 1 generation removed, Dallas Raymond Little, started organizing a Little-family reunion in Portales, New Mexico. More reunions followed in 1971 in Blairsville, Georgia, in 1973 in Springfield, Missouri and in 1975 in Marietta, Georgia. One family member at the 1971 reunion was Betty Lou Smith Hunter, who became the premier genealogist of this Little/Klein family, publishing several books about the family.

In 1975 Larry Little visited the Catawba county area of North Carolina to find cousins to help organize a Little-family reunion there. A "leader" was looked for and a "Moses" was found in Arthur C Little! Arthur and others organized a 1977 reunion in Catawba county and 428 family members attended!

Many more reunions were held in various places in the US from 1979 to 2018. For a list of the reunions see <http://www.roperld.com/captlittle.htm#reunions>.

A periodic newsletter, [The Little Bit](#), started publication in 1978 with over 40 issues to 2019. The issues are stored in the [Dr. Q. M. Little House ca. 1873](#) local-history museum in Catawba NC.

The author created a web page about the Capt. Daniel Little family: <http://www.roperld.com/captlittle.htm>.

Larry Little's genealogy work indicated that Capt. Daniel Little (b 1731 Germany, d 1775 NC), the author's maternal 5th-great-grandfather, in about 1750 migrated from a German community, Littlestown Pennsylvania, down the [Great Wagon Road](#) to Rowan county in North Carolina. His grave is in Salisbury NC.



Larry's later work indicated the Daniel was born in [Kusel, Rhineland-Palatinate, Germany](#). The author and other family genealogists have long sought data to "prove" this birth location.

DNA Y-Chromosome Testing

In 2001 the author initiated a Y-chromosome DNA test of male lines for all males with surname Little. The first 7 Little males that test in our Little family are given here with their relative mutations for 37 Y-chromosome markers:

37 markers	Relative Mutations	DCL	LLL	JPL	JDL	AWL	REL	RKL
	DCL	0						
	LLL	3	0					
Common	JPL	1	2	0				
	JDL	3	2	2	0			
	AWL	3	6	4	6	0		
	REL	4	7	5	7	1	0	
	RKL	2	1	1	3	5	6	0

The blue ones are descendants of Capt. Daniel Little, the gray ones are not. (DCL = Douglas Clyde Little, LLL = Lawrence Lewis Little, JPL = John Paul Little, JDL = J Don Little, AWL = Allen Wayne Little, REL = Robert Ernest Little, RKL = Richard Koarth Little.)

A few years ago I turned the Little Y project over to others and started a Klein Y project. Until 2019 no US or European males with surname Klein have been tested that match the 7 Littles shown above.

A 3rd cousin of the author, Daryl Wayne Lance, married Inge Stefanie Rachor, who was born in Germany. Recently Inge, on trips to Germany, met some local historians in the Kusel area and eventually arranged for some Klein males to be Y-chromosome tested paid for with donations from member of our Little family.

There are 2 more that have recently been tested that closely match these 7. The first result for a man in the Kusel area of Germany from which our Little ancestors came, Manfred Klein (ManKlein), is in and his result is the long-awaited "proof" that Capt. Daniel Little came from the Kusel area:

37 markers	Relative Mutations	DCL	LLL	JPL	JDL	AWL	REL	RKL	CEL	ManKlein
	DCL	0								
	LLL	3	0							
Common	JPL	1	2	0						
	JDL	3	2	2	0					
	AWL	3	6	4	6	0				
	REL	4	7	5	7	1	0			
	RKL	2	1	1	3	5	6	0		
	CEL	6	7	5	7	3	4	6	0	
	ManKlein	5	6	4	5	6	7	5	3	0

(CEL = Charles Earl Little, ManKlein = Manfred Klein)

It would be great to find other male Kleins in Germany that match our US Littles and to get the Klein ancestry of Manfred Klein!

DCL (Douglas Clyde L) and LLL (Lawrence Lewis L) are 5th cousins, or 6 generations apart; they have 3 relative mutations. DCL and JPL (John Paul L) are 5th cousins, or 6 generations apart; they have 1 relative mutation.

DCL and AWL (Allen Wayne L) are 7th cousins one generation removed, or 8 generations apart; they have 3 relative mutations.

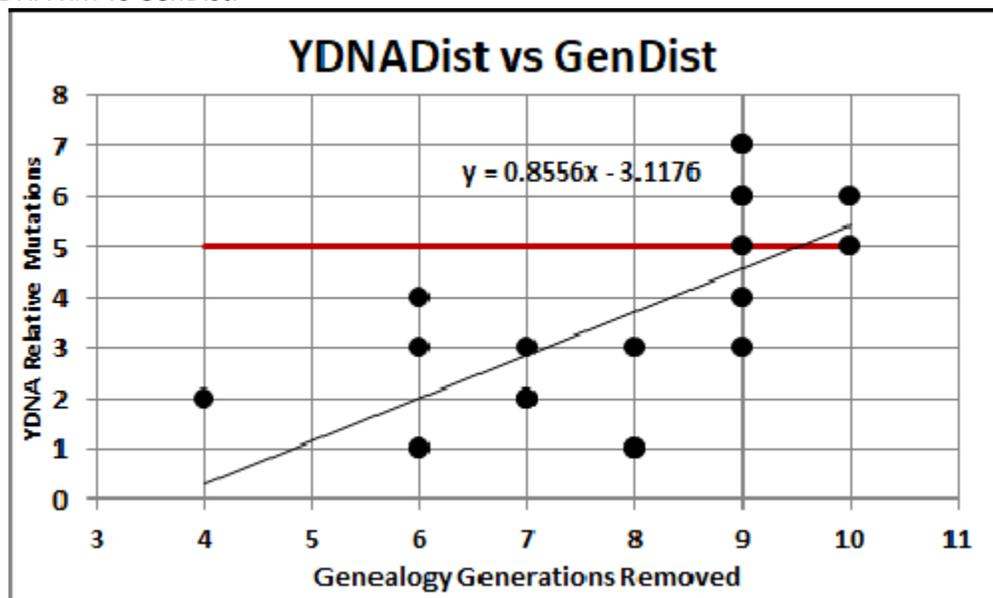
LLL and JDL (J Donald L) are 2nd cousins one generation removed, or 4 generations apart; they have 2 relative mutations.
 LLL and RKL (Richard Koarth L) are 5th cousins 2 generations removed, or 8 generation apart; they have 1 relative mutation.

Here is a correlation calculation between YDNA relative mutations (YDNADist) and genealogy generations apart (GenDist):

YDNADist	GenDist	Corr.
3	6	0.66
1	6	
3	7	
3	9	
4	6	
2	7	
2	7	
2	4	
6	9	
7	9	
1	8	
2	7	
4	9	
5	9	
1	8	
6	9	
7	9	
3	8	
1	6	
5	10	
6	10	

As expected the correlation is reasonably high at **0.66**. (A negative correlation would indicate anti-correlation.)

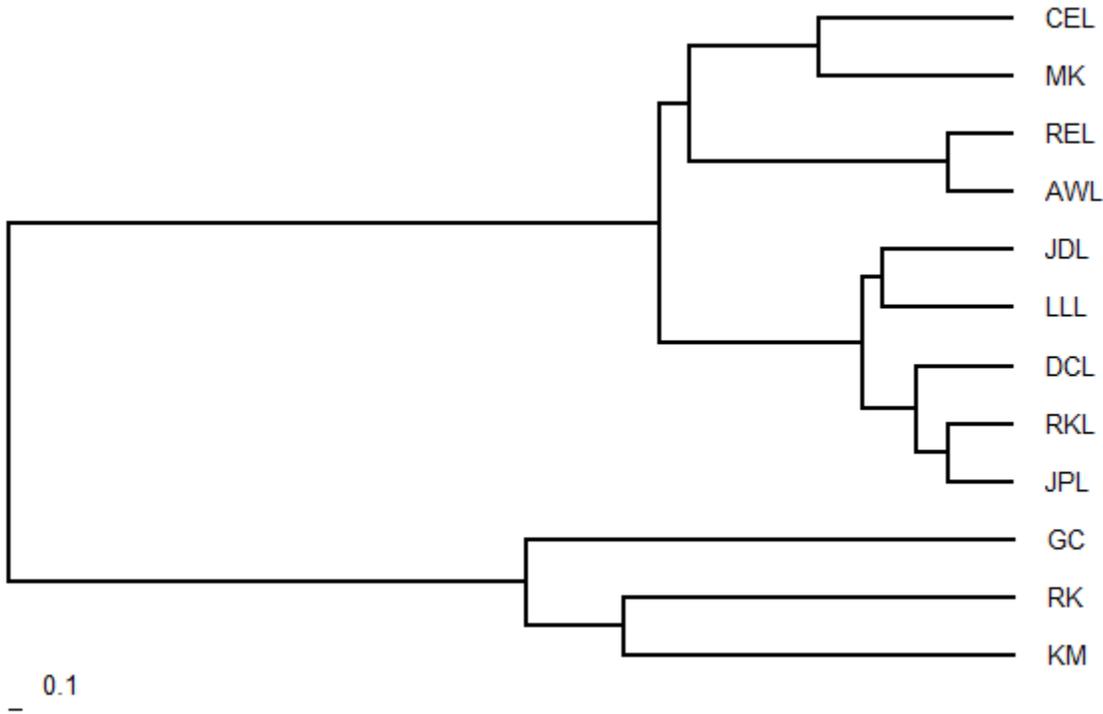
Here is a plot of YDNA RM vs GenDist:



The equation is for the linear fit black upward line

The black upward line is a linear fit to the data. The red horizontal line is the average RM (or median RM, as they are almost identical at 5 RM, for Manfred Klein relative to the US Littles.) So the best estimate is that ManKlein is 9 to 10 generations removed (GenDist on x-axis where the two lines cross) from the average of our tested Littles.

A visual way to see the genetic separation of the Y-tested males is a [phylogram](#):



The scale is indicated at the bottom left showing the horizontal length for 0.1 relative mutations. From the correlation calculated above (0.66), this phylogram is about 66% probability of being correct.

The three at the bottom live in the same area of Germany (Konken & Bubach) as MK and that the genealogy indicates the Klein ancestry location of the US Littles. Their paternal-line relationship is very far genetically from the nine at the top. Using the linear-fit equation in the graph above, $RMut = (GDist + 3.1176)/0.8556$ the calculated genetic distances (GDist) from the measured YDNA relative mutations (RMut) for the bottom three with the top nine are:

RMut	GDist
10	15
11	17
12	18
13	19
14	20
15	21
16	22
17	24
18	25
19	26
20	27
21	28
22	29
23	31
24	32
25	33

[Surnames in Germany](#) began about 1550; if a generation is 25 years, that corresponds to about 18 generations ago or about 12 relative YDNA mutations for 37 markers.

This document is available on the Internet at http://www.roperId.com/Little_Klein_GerPANcFamily.pdf.

References

- <http://www.roperId.com/captlittle.htm>
- <http://www.roperId.com/KleinHansAdam.pdf>
- <http://www.roperId.com/captlittle.htm#reunions>
- <http://www.roperId.com/captlittle.htm#littlebit>
- https://en.wikipedia.org/wiki/Great_Wagon_Road
- <https://en.wikipedia.org/wiki/Kusel>
- <https://www.townofcatawbanc.org/?SEC=AC888987-434E-4208-AF73-C1D1D4E0E330> (museum in Catawba NC)