

FamilyTree**DNA**

Certificate – Y-DNA

This Certificate confirms that you have had your DNA analyzed by Family Tree DNA. The outcome from each of the sixty-seven Loci examined is reported in the table below. For your benefit we have listed the Locus designation for all sixty-seven Loci utilized by the geneticists supporting our company. If your alleles for the sixty-seven Loci match another person exactly, then you share the same Haplotype. DNA testing is a genealogical tool designed to aid individuals wanting to “connect” to other relatives lost in time and where the paper trail no longer exists.

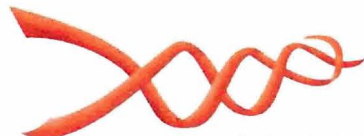
Peter Alfred Biggins

Your sample # **127469**

DYS #	393	390	19/394	391	385a	385b	426	388	439	389-1	392	389-2	
Allele	13	24	15	11	11	15	12	12	12	13	13	29	
DYS #	458	459a	459b	455	454	447	437	448	449	464a	464b	464c	464d
Allele	17	9	10	11	11	25	15	19	28	15	15	17	17
DYS#	460	H4	YCA IIa	YCA IIb	456	607	576	570	CDY a	CDY b	442	438	
Allele	11	11	19	23	15	15	17	19	36	38	12	12	
DYS #	531	578	395S1a	395S1b	590	537	641	472	406S1	511			
Allele	11	9	15	16	8	10	10	8	10	9			
DYS #	425	413a	413b	557	594	436	490	534	450	444	481	520	446
Allele	0	22	24	16	10	12	12	16	8	12	22	20	13
DYS#	617	568	487	572	640	492	565						
Allele	12	11	13	11	11	12	12						

September 30, 2010

Matthew E Kaplan
Matthew E. Kaplan



FamilyTree**DNA**
Certificate – Haplogroup

Family Tree DNA certifies that a DNA sample from

Peter Alfred Biggins

Sample # 127469

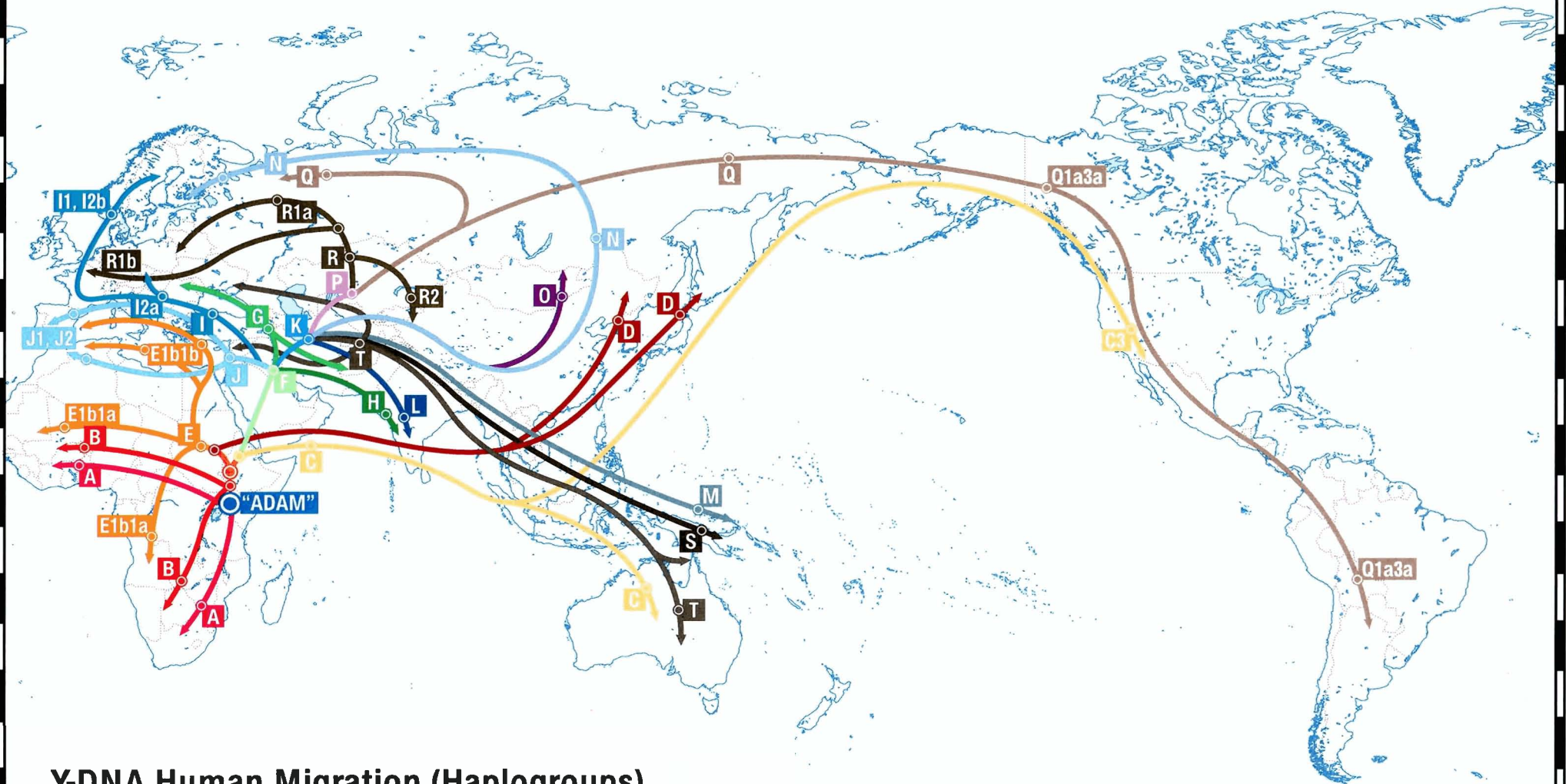
was analyzed for Haplogroup determination using the Single Nucleotide Polymorphism test. The analysis shows that you are positive for the following SNPs: P312+ M269+ L21+; and negative for the following SNPs: U106- P66- M37- M222- M126- L4- L20- L2- L1-. According to the current classification, you have been assigned to:

Haplogroup R1b1b2a1b5

Haplogroup R1b is the most common haplogroup in European populations. It is believed to have expanded throughout Europe as humans re-colonized after the last glacial maximum 10-12 thousand years ago. This lineage is also the haplogroup containing the Atlantic modal haplotype.

September 30, 2010

Matthew E. Kaplan



Y-DNA Human Migration (Haplogroups) Thousands of Years Ago

— A	60	— G	20	— O3	35
— B	50	— H	30	— P	35
— CT	50	— I	25	— Q	20
— D	50	— J	25	— Q1a3a	10
— E	50	— K	40	— R	30
— E1b1a	20	— L	30	— R1a	10
— E1b1b	20	— M	10	— R1b	25
— C	50	— N	10	— S	10
— F	45	— O	35	— T	10