Pace DNA Project Results (2009)

Lineages	Haplo-group	Markers in FTDNA 25 marker package and also SMGF: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	FTDNA 37 marker upgrade & SMGF: 26 27 28 29 30 31 32 33 34 35 36 37	FTDNA 67 marker upgrade & SMGF: 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67	SMGF Markers: 68 69 70 71 72 73 74 75 76
GROUP 3A					
8179 **George(b1821) of Rotherhithe, London**	R1b1b2	13 24 15 11 11 14 12 12 12 13 13 29	16 9 9 11 11 25 15 19 29 15 17 17 17	11 11 19 22 16 15 17 17 36 40 12 12	
131118 John/Ann Russell-John(1775 VA)	R1b1b2 M269	13 24 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 15 17 17 36 40 12 12	
141962 John/Ann Russell-Twitty(1789)	R1b1b2	14 25 15 11 10 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 15 17 17 35 40 12 12	
125997 Bignal(1753 VA)/Elizabeth Cheaves	R1b1b2	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 15 17 17 37 40 12 12	
6352 Richard/Eliz.Cain-Drury-Wm-Dreadzil-William(1826 GA)	R1b1b2	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17		
144464 Richard/Eliz.Cain-Drury-Wm-Dreadzil-Richard	R1b1b2	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 15 17 17 36 40 12 12	
14184 Richard/Eliz.Cain-Silas-William	R1b1b2	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 15 17 17 37 38 12 12	
108957 Richard/Eliz.Cain-Silas-Silas-Bartley M(1837 AL)	R1b1b2	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 15 17 17 36 40 13 12	11 9 15 16 8 10 10 8 10 10 12 22 23 16 10 12 12 15 8 12 22 20 13 12 11 13 11 11 13 12
119455 Richard/Eliz.Cain-Barnabus	R1b1b2	13 26 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 15 17 17 36 40 12 12	
140013 Richard/Eliz.Cain-James-Thomas– line to Nova Scotia	R1b1b2	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 28 15 17 17 17		
6366 Wm/Ruth-Isaac-John-gf (Ruth Lambert)	R1b1b2	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 15 17 17 36 40 12 12	11 9 15 16 8 10 10 8 10 10 12 22 23 16 10 12 12 15 8 12 22 20 13 12 11 13 11 11 13 12
132805 Wm/Ruth-Isaac-John-Wm Wesley	R1b1b2	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 16 17 17	11 11 19 22 16 15 17 17 36 40 12 12	11 9 15 16 8 10 10 8 10 10 12 22 23 16 10 12 12 15 8 12 22 20 13 12 11 13 11 11 13 12
128919 Wm/Ruth-Isaac-John-Jefferson J. (Patterson surname)	R1b1b2	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 15 17 17 36 40 12 12	11 9 15 16 8 10 10 8 10 10 12 22 23 16 11 11 9 15 16 8 10 10 8 10 10 12 22 23 16 11
6429 Wm/Ruth-James-James-Warren S.	R1b1b2	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 18	12 11 19 22 16 15 17 17 36 40 12 12	11 9 15 16 8 10 10 8 10 10 12 22 23 16 10 12 12 15 8 12 22 20 13 12 11 13 11 11 13 12
7833 Wm/Ruth-James-James-William B.	R1b1b2	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 15 17 17 36 40 12 12	
63672 Wm/Ruth-James-James-William B.-William	R1b1b2	13 25 15 11 11 14 12 12 12 13 13 29			
SMGF#6 Wm/Ruth-James-James-James O.	R1b1	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 12 12 12	12 13
15548 Wm/Ruth-James-William ggs	R1b1	13 25 15 11 12 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17		
14155 Wm/Ruth-James-William-Wilson-James B (gs)	R1b1b2	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17		
SMGF#4 Wm/Ruth-James-William-Wilson-James B (gs)	R1b1	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 12 12 12	12 13
SMGF#8 Wm/Ruth-James-William-Wilson-Lemuel (gs)	R1b1	12	16 9 10 11 15 29	16 12	12 13
SMGF#1 Wm/Ruth-James-William-John-Alfred gs (father)	R1b1	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 12 12 12	12 13
SMGF#2 Wm/Ruth-James-William-John-Alfred ggs (son)	R1b1	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 12 12 12	12 13
SMGF#3 Wm/Ruth-James-William-John-Alfred ggs (son)	R1b1	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 12 12 12	12 13
SMGF#5 Wm/Ruth-James-William-John-Alfred ggs (son)	R1b1	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 12 12 12	12 13
55605 George/Obedience-Wm(d1790)-George	R1b1b2	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 16 17 17	11 11 19 22 16 15 17 17 36 40 12 12	
20864 George–Robert (1785)-Charles	R1b1b2	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17		
50592 Thomas (1802 NC) – Alexander Lane (1850)	R1b1b2	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17		
10265 Hardy (1807 GA) - Eli (1835 TX)	R1b1b2	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 15 17 17 36 41 12 12	
107999 Thomas (1822 MS to LA)	R1b1b2	13 25 15 10 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 15 17 17 36 41 12 12	11 9 15 16 8 10 10 8 10 10 12 22 23 16 10 12 12 15 8 12 22 20 13 12 11 13 11 11 13 12
57109 Cosby Alonzo (1878 GA)	R1b1b2	13 25 15 11 11 14 12 12 12 13 13 29			
10428 Hardy (1784) – Thomas B. (1813)	R1b1	13 25 15 11 11 15 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17		
Pace Group 3a Modal Haplotype	R1b1	13 25 15 11 11 14 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17	11 11 19 22 16 15 17 17 36 40 12 12	11 9 15 16 8 10 10 8 10 10 12 22 23 16 10 12 12 15 8 12 22 20 13 12 11 13 11 11 13 12
R1b Modal Haplotype **	R1b	13 24 14 11 11 14 12 12 12 13 13 29	17 9 10 11 11 25 15 19 29 15 17 17 17	11 11 19 23 15 15 18 17 37 38 12 12	
Pace Group 3b Modal Haplotype	R1b1	13 25 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 19 30 15 17 17 17	11 11 19 22 16 15 17 17 36 40 12 12	11 9 15 16 8 10 10 8 10 10 12 22 23 16 10 12 12 15 8 12 22 20 13 12 11 13 11 11 13 12
GROUP 3B					
26541 Edmond/Sarah Walker?-David W?-Albert(1827)	R1b1	13 25 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 17 17 17		
21419 Stephen-Edmond/Frances -John (Madison surname)	R1b1	13 25 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 19 29 15 16 17 17		
19490 Stephen-Alsey	R1b1b2	13 25 15 11 11 12 12 12 12 13 13 30	16 9 10 11 11 24 15 19 29 15 16 17 17		
7811 Wm Pace/Sarah Frazier	R1b1	13 25 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 19 30 15 16 17 17	11 11 19 22 16 15 17 17 36 40 12 12	
9852 Burrell-Jonathan	R1b1	13 25 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 19 30 15 16 17 17		
6280 Burrell-Cornelius	R1b1	13 25 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 19 30 15 15 17 17	11 11 19 22 16 15 17 17 36 39 12 12	
76815 Burrell-Moses	R1b1	13 25 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 19 30 15 17 17 17	11 11 19 22 16 15 17 17 36 40 12 12	11 9 15 16 8 10 10 8 10 10 12 22 23 16 10 12 12 15 8 12 22 20 13 12 11 13 11 11 13 12
88349 Burrell-Richmond	R1b1	13 25 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 19 30 15 17 17 17		
127433 Burrell-Daniel-Hiram-Josephus-James (gs)	R1b1b2	13 25 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 19 30 15 17 17 17	11 11 19 22 16 15 17 17 36 39 12 12	11 9 15 16 8 10 10 8 10 10 12 22 23 16 10 12 12 15 8 12 22 20 13 12 11 13 11 11 13 12
13700 Burrell-Daniel-Hiram-Josephus-James (gs)	R1b1	13 24 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 19 30 15 17 17 17		
16218 Wm/Sicely Walker-Alsey	R1b1	13 24 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 19 30 15 17 17 17		
10683 Wm/Sicely Walker–Wm Richard	R1b1	13 25 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 19 30 15 17 17 17		
134499 Wm/Sicely Walker-Gideon	R1b1b2	13 25 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 19 30 15 17 17 17	11 11 19 22 16 15 17 17 36 40 13 12	
138826 Wm/Sicely Walker-John R	R1b1b2	13 25 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 20 30 15 17 17 17	11 11 19 22 16 15 17 17 36 40 12 12	
35220 Wyche (1817 TN to MS)	R1b1 P25	13 25 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 23 15 19 30 15 17 17 17		
13827 Jesse?- Richmond (1803 KY)-John R (1829)	R1b1	13 26 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 19 30 15 17 17 17		
53888 Jesse?- Richmond (1803 KY)-Wm (1832)	R1b1	13 26 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 19 30 15 17 17 17	11 11 19 22 16 15 17 17 36 40 12 12	
65302 Jesse?- John (1807 KY)	R1b1	13 25 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 19 30 15 17 17 17		
7791 Jesse?- Simeon (1812 KY)	R1b1	13 25 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 19 30 15 17 17 17	11 11 19 22 16 15 17 17 36 41 12 12	
SMGF#7 Jesse?- Simeon (1812 KY)	R1b1	13 25 15 11 11 12 12 12 12 13 13 29	16 9 10 11 11 24 15 19 30 15 17 17 17	11 11 19 22 16 12 12 12	12 13
122167 Ernest Houston Pace(1906 TX) (Shannon surname)	R1b1b2	13 25 15 11 11 12 12 12 12 13 13 29			
137170 Thomas (c1794)-Joachim-Joachim (Williamson Co. TN)	R1b1b2	13 25 15 11 11 12 12 12 12 13 13 29	16 9 9 11 11 24 15 19 30 15 17 17 17	11 11 19 22 15 15 17 17 36 40 12 12	
Frederick Pace "of Wales" line - Clark Co, AL Paces					
113987 Frederick-William-Dempsey (1810 GA)	R1b1b2	13 24 14 11 11 14 12 12 12 13 15 29	17 9 10 11 11 25 15 19 30 15 15 17 18	11 10 19 23 15 15 17 17 38 38 12 12	
8025 Frederick-John-Thomas-James-Alfred-ggs(son)	R1b1b2	13 24 14 11 11 14 12 12 12 13 15 29	17 9 10 11 11 25 15 19 30 15 15 17 18		
31125 Frederick-John-Thomas-James-Alfred-gs (father)	R1b1b2	13 24 14 11 11 14 12 12 12 13 15 29	17 9 10 11 11 25 15 19 30 15 15 17 18		
32112 Frederick-John-Thomas-James-Alfred-gs (uncle of 8025)	R1b1b2	13 24 14 11 11 14 12 12 12 13 15 29	17 9 10 11 11 25 15 19 31 15 15 15 17		
73852 Frederick-John-William (1807 KY)	R1b1b2e	13 25 14 11 11 14 12 12 12 13 15 29	17 9 10 11 11 25 15 19 30 15 15 17 18	11 10 19 23 15 15 17 17 38 38 13 12	
126591 Frederick-Dempsey-John W (1806 SC)	R1b1b2	13 24 14 11 11 14 12 12 12 13 15 29	17 9 10 11 11 25 15 19 30 15 15 17 18	11 10 19 23 15 15 17 17 38 38 12 12	
R1b Modal Haplotype **	R1b	13 24 14 11 11 14 12 12 12 13 13 29	17 9 10 11 11 25 15 19 29 15 15 17 17	11 11 19 23 15 15 18 17 37 38 12 12	12 13
Unclassified Paces					
55000 (Twitty-no)-Ashley L.(1834 AR to TX)	R1b1b2	13 24 14 11 11 11 12 12 12 13 13 29	16 9 10 11 11 24 15 19 30 15 15 17 17	10 10 23 23 16 15 20 16 37 37 12 12	
7840 Isham (1794 NC to MS)	R1b1b2	13 24 14 10 11 14 12 12 14 13 13 29	18 7 10 11 11 25 15 19 30 15 16 17 18	11 11 17 22 15 15 17 18 37 37 12 12	
6281 (claimed John of Middlesex)	R1b1b2	13 24 14 11 11 15 12 12 12 14 13 31	18 9 10 11 11 25 15 19 30 15 15 16 17		
84728 Pedro Pais (1879 TX, tradition says Spain)	R1b1b2	13 24 14 10 11 14 12 12 12 13 13 30	16 9 9 11 11 25 15 19 29 15 15 17 17	11 11 17 23 16 15 19 17 38 41 12 12	
14944 Wm (1807) of Franklin Co. NC	R1b1	13 24 14 10 11 14 12 12 11 13 13 30	18 8 10 12 11 24 15 19 31 14 14 16 16		
151484 David(1816)-WmHenry(1845) – (thought to be Pees)	R1b1b2	13 24 14 11 11 14 12 12 13 13 13 30			
12269 Thomas (c1794)-Joachim-Joseph (Williamson Co. TN)	R1b1b2	13 23 14 10 12 14 12 12 13 13 13 29	17 9 10 11 11 24 15 19 29 15 16 17 18	11 10 19 23 17 14 17 17 38 38 13 12	11 9 15 16 8 10 10 8 10 10 12 23 23 15 10 12 12 16 8 12 24 20 13 12 11 13 11 11 13 11
38697 Joseph/Zilpha Woodward	R1b1b2	13 23 14 11 11 14 12 12 11 13 13 29	16 9 10 11 11 24 14 19 29 15 15 16 17		
R1a Haplogroup					
118620 Joseph H (1829 NC to IN)-Joel Pleasant	R1a1	13 26 16 10 12 14 12 12 10 13 11 30	15 9 10 11 11 24 14 20 33 12 15 15 16	10 11 19 23 16 16 18 21 37 40 12 11	

New DNA results received since the summer of 2008.

Notes: All haplogroups are predicted haplogroups, except those shown in green which were SNP tested. The SNP tested to determine the haplogroup is also shown in green, following the haplogroup. Modal haplotypes are the "most common" results for a group.

**R1b Modal Haplotype from John McEwan, "R1b haplogroup: subcluster modal haplotypes," (http://www.geocities.com/mcewanjc/p3modal.htm#_R1b_haplogroup:_subcluster_modal_ha : accessed 10 June 2007.) SMGF markers from Ken Nordtvedt (www.northwestanalysis.net :accessed August 2006).

R1a is believed to have arisen on the Eurasian Steppe, and today is most frequently observed in eastern Europe and in western and central Asia. (http://www.isogg.org/tree/ISOGG_HapgrpR08.html :accessed 28 May 2008.)

SMGF – Sorensen Molecular Genealogy Foundation (www.smgf.org) Y-Chromosome database results, accessed 3 August 2006; 10 June 2007; 23 June 2008; 21 June 2009.

Charts organized by Rebecca Christensen. 22 June 2009.

NOTE: The lineage information has been taken from the lineages submitted by the participants as shown on the Pace DNA website (http://www.pacesociety.org/) and is not guaranteed to be correct. The lineage information generally shows either the earliest unquestioned ancestor or especially in the case where descendants of multiple sons have been tested, the ancestor who is the most recent common ancestor (MRCA) for the participants of a line.