

## **R1b-S16264 Project**

### **Slow but Steady Progress:**

### **Tracking Milestones in S16264 Research**

#### **Acknowledgements**

Thank you to all known S16264+'s for purchasing Y-DNA tests and for sharing your results publically.

Thank you to all who gather Y-DNA data, analyze it and share their work with the community of genetic genealogists. There are many but Mike Walsh, Alex Williamson, David Reynolds and Debbie Kennett deserve special thanks.

#### **Milestones**

- 2010** “Norman 45510” cluster first identified from two Y67 haplotypes (170191 Bond, 162326 Leprovost) in Mike Walsh’s R-L21 Project database and Alex Williamson’s phylogenetic tree of the same data.
- 2011** Turner surname project’s Group 01 (‘Salmon’ Turners) identified as being members of cluster “Norman 45510”.  
SNP L679 discovered in ‘Walk Through the Y’ testing of 170191 Nigel Bond.  
Salmon Turners confirmed L679+ by test of 20860 Steve Turner.
- 2012** 162326 Sylvain Leprovost confirmed L679-, indicating L679 most likely originated in England in the Medieval period (AD 1100-1500).  
L679 included in National Geographic’s Geno 2.0 Test.
- 2013** L679 qualified for the ISOGG Phylogenetic Tree as R1b1a2a1a2c1n, a sub-clade of DF13.
- 2014** BritainsDNA Chromo2 test of Edward Hammond B4810 and another unknown individual indicates SNPs S16264 and S21225 are ancestral to L679 and are not descended from any other known subclades of DF13.  
The first Next Generation Sequencing tests of S16264+ men completed (FTDNA BigY of 170191 Bond and 311690 Turner).  
S16264 included in YSeq’s L21 SNP Panel test and L21 Reverse SNP Panel test.  
S16264 and S21225 qualify for the ISOGG Phylogenetic Tree as R1b1a2a1a2c1m, a sub-clade of DF13, with L679 as their descendant sub-clade R1b1a2a1a2c1m1.

**2015** S16264 included in Family Tree DNA's new M343 Backbone SNP Panel Test and L21 SNP Panel Test.

Two new S16264 family lines identified by M343 Backbone SNP Panel Test: the Grouazel family of Brittany (tests managed by Romain Grouazel-Krauss), and the Hawk family of Tennessee (N85335 Robert Hawk).

**2016** Alex Williamson discovers InDel Z39589, an immediate descendant of DF13. 170191 Nigel Bond confirmed Z39589+ by YSeq, proving S16264 is Z39589+.

Z39589 qualified for ISOGG Tree as R1b1a1a2a1a2c1a, a sub-clade of DF13. S16264 ISOGG designation revised to R1b1a1a2a1a2c1a7 and L679 to R1b1a1a2a1a2c1a7a.

BigY Next Generation Sequencing tests completed for 20860 Turner and N85335 Hawk. Data incorporated in Alex Williamson's Big Tree at ytree.net with tree branches identified by SNPs L679, A7314 and F110.

Two new S16264 family lines identified by M343 Backbone SNP Panel Test: (1) the Mann family of England and USA. STR haplotype data indicates the Mann family line diverged from the Leprovost and L679+ lines in the early centuries AD. (2) the Mills family of USA. STR haplotype data indicates the Mills family line diverged from the Leprovost and L679+ lines more recently than the Manns.

Full Genomes NGS test in progress for B4810 Hammond.

At year end the S16264 Haplotypes spreadsheet includes data for 57 men.

*..... to be continued .....*

Nigel Bond - 22 December 2016