

# Ewing haplotypes vs 37 FTDNA Phase 3 R1bSTR19 cluster

Records were taken from the R1b SNP table and had to be derived for M222. They were then trimmed down to those with 37 FTDNA markers. Phase 3 analysis cluster modes added, and all those clustered in R1bSTR19 in the phase 3 analysis. The clustering used Nei's Dn and Neighbour joining. The outgroup was selected as R1a and the results were ladderised to the top. All M222+ R1b1c7 (M222+) entries cluster with R1bSTR19ish except a divergent small group on reanalysis. Note almost all Ewings cluster together in a small group within R1bSTR19ish. The exceptions are TD, who still is within the Irish group, SL, who is part of the Scott group, and JM, DS who appear distant related and JM even more distantly related.

J McEwan 30 July 2006



R1bSTR19 Modal

TD

Ewing

DS, JM, JMc

Rest of R1b

SL, R1bSTR47