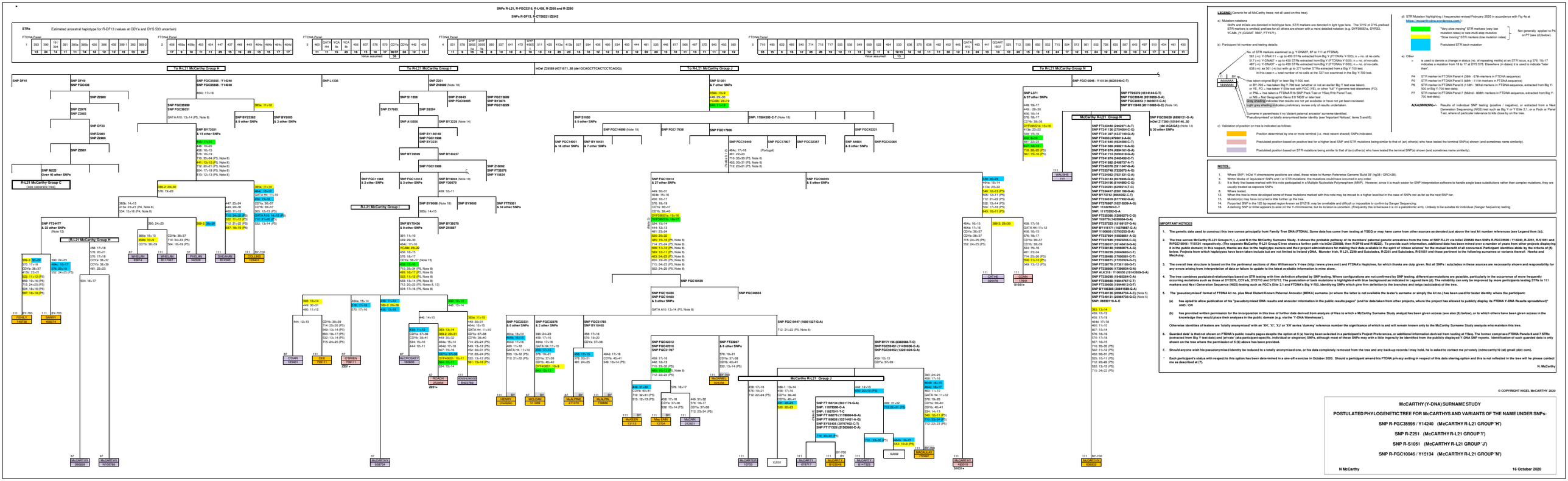
SNPs R-L21, R-FGC23218, R-L459, R-Z200 and R-Z290
SNPs R-FGC13, R-CTS5231/Z5342
STRs
Estimated ancestral haplotype for R-DF13 (values at CDYa and DYS S33 uncertain)
FTDNA Panel 1
FTDNA Panel 2
FTDNA Panel 3
FTDNA Panel 4
FTDNA Panel 5
Value assumed
To R-L21 McCarthy Group H
To R-L21 McCarthy Group I
To R-L21 McCarthy Group J
To R-L21 McCarthy Group N
R-L21 McCarthy Group C
(see separate tree)
(R-L21 McCarthy Group H
R-L21 McCarthy Group I
McCarthy R-L21 Group J
McCarthy R-L21 Group N
SNP DF41
SNP DF49
SNP FGC436
SNP Z2980
SNP Z2976
SNP Z2983
SNP DF23
SNPZ2985
SNP Z2986
SNP Z2961
SNP M223
Over 40 other SNPs
SNP FGC35595 / Y14240
SNP FGC35596 / Y14249
SNP FGC35599
SNP FGC36031
SNP BY23382
& 9 other SNPs
SNP BY9003
& 3 other SNPs
SNP BY73931
& 15 other SNPs
SNP L1335
SNP Z251
SNP Z18800 (Note 18)
SNP S11556
SNP Z17665
SNP S9204
SNP S10556
SNP BY3229 (Note 14)
SNP BY186169
SNP FGC11998
SNP BY3231
SNP BY39699
SNP BY43237
SNP FGC11984
& 2 other SNPs
SNP FGC12474
& 3 other SNPs
SNP BY9004 (Note 18)
SNP Y30879
SNP FGC11986
SNP Z18092
SNP FGC23276
SNP Y19534
SNP BY9006 (Note 18)
SNP BY9005
SNP FT79561
& 34 other SNPs
SNP FT34477
& 28 other SNPs
(Note 12)
SNP BY70436
& 6 other SNPs
SNP BY39570
SNP Z43887
SNP FGC23331
& 6 other SNPs
SNP FGC23376
& 2 other SNPs
SNP FGC31785
SNP BY10455
SNP FGC42312
SNP FGC42545
SNP FGC31787
SNP FT33967
& 6 other SNPs
SNP BY77156 (B382938-T-C)
SNP FGC35457 (13382938-A-C)
SNP FGC35432 (12018224-G-A)
SNP FGC19447 (16951527-G-A)
SNP FGC46604
SNP FGC19430
SNP FGC19435
SNP FGC19450
& 3 other SNPs
SNP FGC19449
& 27 other SNPs
SNP FGC19441
& 27 other SNPs
SNP FGC19440
SNP FGC19442
SNP FGC19443
SNP FGC19444
SNP FGC19445
SNP FGC19446
SNP FGC19447
SNP FGC19448
SNP FGC19449
SNP FGC19450
SNP FGC19451
SNP FGC19452
SNP FGC19453
SNP FGC19454
SNP FGC19455
SNP FGC19456
SNP FGC19457
SNP FGC19458
SNP FGC19459
SNP FGC19460
SNP FGC19461
SNP