```
R1b-L21 Tree
L21
    BY3031
    A7906
            A7904
    A18364
            BY35185
                      BY35182
                                BY35177
            A18366
                      A18376
    A5846
            BY11863
            A5845
                      M10730
                      A5835
    DF63
            >> R1b-DF63 Panel
    DF13
            Z39589
                      DF49
                                >> R1b-DF49 (including M222) North West Irish Panel
                      L1335
                                 >> R1b-L1335 Scots Panel
                      DF41
                                >> R1b-DF41 Panel (including Royal Stewart clades)
                      Z251
                                 >> R1b-Z251 Panel (including 251-11EE subclades)
                       S1051
                                >> R1b-S1051 Panel
                      CTS1751
                                 BY3927
                                 Y18437
                                 Z17969
                                           Z17968
                                                     BY609
                                                               BY595
                                                                          FGC32861
                                                                          FGC35783
                                                                                    S22219
                                                                                               BY11097
                       S1026
                                  41101
                                           A1105
                                 A1117
                                 Z16886
                                            16891
                                            16910
                       Z16500
                                 A8816
                                           A9850
                                 MC02 / Z17901
                                            FGC14726
                                                     FGC14736
                                            A7309
                                                      BY23389
                                                      A11312
                                                                A11313
                      FGC10059 (replacing L371)
                                 FGC14575
                                 BY11922
                                           FGC30631
                                           FGC42169
                      S16264
                                 L679
                                           A7314
                                                     A7313
                                           M11115
                      FGC33712
                      BY575
                                 FGC2913
                       FGC13748
                                 CTS11994
                                           FGC13758
                       FGC13780
                                 CTS3937
                      BY3925
                                 A9508
                       Y14240
                                BY9003
                                           BY209453
                                                                                                         new
                                                     BY24287
                                                                                                         new
                                                                BY23588
                                                                                                         new
                                                                          BY198291
                                                                                                         new
                                                                FT125055
                                                                                                         new
                                                                          BY115264
                                                                                                         new
                                                                          FT124989
                                                                                                         new
                      A4556
                                 FGC43856
                      A9507
                                S7338
            Z253
                      >> R1b-Z253 Panel incl. L1066 and L226 (Irish Type III)
            DF21
                      >> R1b-DF21 Panel
            L513
                      >> R1b-L513 Panel
            FGC11134
                      >> R1b-FGC11134 Panel (including CTS4466)
            Z255
                      >> R1b-Z255 Panel
            FGC5494
                      >> R1b-FGC5494 Panel
            CTS3386
                       A9001
                       S19268
                                FGC13302
                                           FGC13301
                                                      FGC13307
                                                     CTS11127
                      Z17970
                                 A7297
                                           BY9000
            MC14
                      A2070
                                 A7300
                                           A6138
                      BY248
                                 A5383
                                 BY2723
            BY39002
                      A21276
            Z17300
                      FGC20641
            A11683
            BY4047
                      BY4057
                                Y29055
                                           Y70000
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BY24233

BY23428

BY19430

Z17300

BY19437