

**Core MacLeod Group**

389-1	0.56000
389-2	0.56000
576	0.58696
459b	0.68750
449	0.77083
570	0.84783
CDY b	0.84783
464d	0.85417
CDY a	0.86957
19	0.89333
447	0.89583
534	0.90000
446	0.90000
439	0.90667
GATA H4	0.91304
464b	0.91667
390	0.92000
391	0.93333
395S1b	0.95000
537	0.95000
406S1	0.95000
444	0.95000
565	0.95000
456	0.95652
442	0.95652
464c	0.95833
385b	0.96000
460	0.97826
YCA II b	0.97826
607	0.97826
464a	0.97917
385a	0.98667
393	1.00000
426	1.00000
388	1.00000
392	1.00000
458	1.00000
459a	1.00000
455	1.00000
454	1.00000
437	1.00000
448	1.00000
YCA II a	1.00000
438	1.00000
531	1.00000
578	1.00000
395S1a	1.00000
590	1.00000
641	1.00000
472	1.00000
511	1.00000
425	1.00000
413a	1.00000
413b	1.00000
557	1.00000
594	1.00000
436	1.00000
490	1.00000
450	1.00000
481	1.00000
520	1.00000
617	1.00000
568	1.00000
487	1.00000
572	1.00000
640	1.00000
492	1.00000

**MacLeod R1b Group**

576	0.49275
459b	0.49333
389-2	0.52893
449	0.53333
464d	0.54667
446	0.58065
447	0.61333
464c	0.64000
390	0.64463
464a	0.65333
CDY a	0.66667
389-1	0.67769
458	0.72000
CDY b	0.72464
570	0.73913
534	0.74194
439	0.77686
391	0.80165
456	0.81159
385b	0.83471
557	0.83871
481	0.83871
GATA H4	0.86957
406S1	0.87097
19	0.90083
537	0.90323
617	0.90323
572	0.90323
464b	0.90667
YCA II b	0.91304
607	0.91304
460	0.92754
442	0.92754
395S1b	0.93548
511	0.93548
444	0.93548
520	0.93548
568	0.93548
492	0.93548
438	0.94203
393	0.94215
385a	0.94215
448	0.94667
392	0.95868
531	0.96774
395S1a	0.96774
413a	0.96774
565	0.96774
437	0.97333
459a	0.98667
454	0.98667
388	0.99174
426	1.00000
455	1.00000
YCA II a	1.00000
578	1.00000
590	1.00000
641	1.00000
472	1.00000
425	1.00000
413b	1.00000
594	1.00000
436	1.00000
490	1.00000
450	1.00000
487	1.00000
640	1.00000

**FTDNA R-P312 Group**

CDY a	0.25620
CDY b	0.35537
576	0.41322
449	0.46154
458	0.47692
456	0.47934
534	0.52874
464c	0.53077
570	0.57025
389-2	0.60870
391	0.63043
439	0.63768
448	0.64615
437	0.65385
481	0.65517
GATA H4	0.67769
557	0.68966
447	0.69231
464d	0.70769
390	0.71739
460	0.72727
389-1	0.73188
444	0.74713
607	0.76033
442	0.76033
385b	0.76812
520	0.77011
511	0.78161
446	0.78161
459b	0.80769
413a	0.81609
19	0.84058
464b	0.84615
385a	0.84783
413b	0.85057
464a	0.86923
393	0.87681
YCA II b	0.88430
406S1	0.89655
572	0.89655
459a	0.90000
YCA II a	0.90083
565	0.90805
487	0.91954
590	0.94253
537	0.94253
568	0.94253
454	0.94615
531	0.95402
641	0.95402
640	0.95402
388	0.95652
438	0.95868
455	0.96154
392	0.96377
395S1a	0.96552
490	0.96552
617	0.96552
492	0.96552
395S1b	0.97701
426	0.97826
578	1.00000
472	1.00000
425	1.00000
594	1.00000
436	1.00000
490	1.00000
450	1.00000
487	1.00000
640	1.00000

**FTDNA R1b Group**

CDY a	0.30249
CDY b	0.31617
576	0.40145
449	0.40537
456	0.41271
534	0.48238
458	0.50149
464c	0.52086
570	0.56557
439	0.60173
390	0.60841
389-2	0.61308
391	0.65377
481	0.65583
385b	0.65844
447	0.68033
464d	0.68182
607	0.69590
492	0.69595
GATA H4	0.70555
557	0.70732
413a	0.71274
442	0.73532
446	0.73598
464b	0.73770
460	0.73854
444	0.74661
448	0.76585
464a	0.79136
389-1	0.79586
459b	0.80999
YCA II b	0.81577
437	0.84575
520	0.84959
385a	0.85524
392	0.86124
511	0.86486
406S1	0.86892
19	0.87191
413b	0.87398
393	0.87725
565	0.89459
572	0.89865
617	0.91622
537	0.92027
487	0.92432
438	0.92518
531	0.92568
395S1a	0.92703
640	0.94865
459a	0.94933
YCA II a	0.95012
425	0.95122
578	0.96216
426	0.96331
395S1b	0.96351
594	0.97019
490	0.97154
641	0.97162
568	0.97162
455	0.97168
454	0.97839
388	0.97865
590	0.97973
450	0.98103
436	0.99322
472	0.99865

**Legend**

