



b.

Human TAGGATTGAGCCCTGTCACTGAGTCTTC (CATT C) CTCTATCTCGCCTGTTCTAATTTAT 60
 Chimp TAGGATTGAGCCCTGTCACTGAGTCTTC CATT C CTCTATCTCGCCTGTTCTAATTTAT 60
 Rhesus TAGGATTTAGCCCTGTCACTGACTCTTC CATT C CTCTATCTCGCCTGTTCTAATTTAT 60

C/g SNP

43bp deletion polymorphism

10bp deletion

40bp duplicon unit A

Human TTCTCTATTTCTTTC **ATTTCCTTCCTGACTGTCTT (CATT C) TTGCTTTTTATT** CT TT CTC 120
 Chimp TTCTCTATTTCTTTC -----CTTGACTGTCTT CATT C TCTGCTTTTTATT C T T CTC 112
 Rhesus TTCTCTATTTTTC -----CTTGACTCTCTT CATT C TCTGCTTTTTATT C T T CTG 112

14bp human-specific deletion polymorphism

40bp duplicon unit A

40bp duplicon unit B

Human **CTT (CATT C) CCTCTCCAT AAATGACAGACCTTTTCTTAGATGCCATTCT TTCTCCTTAA** 180
 Chimp CTT CATT C CCTCTCCAT AAATGACAGACCTTTTCTTAGATG----- 153
 Rhesus CTT CACTT CCTCTCCAT AAATGACAGACCTTTTCTTAGATG----- 153
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5bp deletion

40bp duplicon unit

Human **TAACAGACCTTTTCTTATATGCCATTCT** CTATGCTGCGCTTAAGA **CAAGA** ATTTTTTT 240
 Chimp -----CCATTCT CTATGCTGCGCTTAAGA CAAGA ATTTTTTT- 191
 Rhesus -----CCATTCT CTATATCTGCGCTTACAA CAAGA ATTTTTTT- 191

Human CCTCCTAGTTGTTGGTAAATGCTGCAAAATGTGAGAGCATGTTAACATGACAAACAACA 300
 Chimp CCTCCTAGTTGTTGGTAAATGCTGCAAAATGTGAGAGCACGTTAACATGACAAACAACA 251
 Rhesus CCTCCTAGTTGTTGGTAAATGCTGCAAAATGTGAGAGAATGTTAACATGACAAACAACA 251

Human GGAATTTGAAATAAACTTAAATGAAACAGTGTCTTTTCTCCCCCTACTCTCCCCACCCC 360
 Chimp GGAATTTGAAATAAACTTAAATGAAACAGTGTCTTTTCTCCCCCTACTCTCCCCACCCC 311
 Rhesus GGAATTCGAAATAAACTTAAATGAAACAGTGTCTTTTCTCCCCCTACTCTCCCCACCCC 311

Human CCATGGTGAAATGATGATATCCTTACCATCTGCACACTTGC----- 402
 Chimp CCATGGTGAAATGATGATATCCTTACCATCTGCACACTTGC----- 353
 Rhesus CCATGGTGAAATGATGATATCCTTACCATCTGCACACTTGCAGGCTGT 360
