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                                (((((((..((((........)))).(((((.......)))))).....(((((.......
chr-G2.trna74-Ala-TGC    GGGUCCAUAGCUCAG-UUUUAGAGCAUUUGAGCUGCAAUCAUGAGGUCACCAGGUUCGAA 59
chr-G2.trna73-Ala-TGC    GGGUCCAUAGCUUAG-UGUUAGAGCAAUUGAGCUGCAAUCAUGAGGUCACCGG-UUCAAA 58
chr-G1.trna1-Ala-TGC     GGGGAUGUAGCUCAAAUGGUAGAGCGCCCGCUUUGCAUGCGGGAGGUACAGGG-UUCGAU 59
chr-G3.trna18-Ala-TGC    GGGGAUGUAGCUCAAAUGGUAGAGCGCCCGCUUUGCAUGCGGGAGGUACAGGG-UUCGAU 59
chr-G3.trna28-Ala-TGC    GGGGAUGUAGCUCAAAUGGUAGAGCGCCCGCUUUGCAUGCGGGAGGUACAGGG-UUCGAU 59
chr-G3.trna29-Ala-TGC    GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUACAGGG-UUCGAU 59
chr-G4.trna14-Ala-TGC    GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUACAGGG-UUCGAU 59
chr-G4.trna37-Ala-TGC    GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUACAGGG-UUCGAU 59
chr-G1.trna37-Ala-CGC    GGGGGUGUAGCUCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGG-UUCGAU 59
chr-G2.trna35-Ala-CGC    GGGGGUGUAGCUCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGG-UUCGAU 59
chr-G5.trna22-Ala-CGC    GGGGACGUAGCUCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGG-UUCGAU 59
chr-G6.trna41-Ala-CGC    GGGGACGUAGCUCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGG-UUCGAU 59
chr-G1.trna11-Ala-TGC    GGGGAUGUAGCUCACAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUACGGGG-UUCGAU 59
chr-G7.trna39-Ala-TGC    GGGGAUGUAGCUCACAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUACGGGG-UUCGAU 59
chr-G7.trna40-Ala-TGC    GGGGAUGUAGCUCACAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUACGGGG-UUCGAU 59
chr-G1.trna63-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGG-AUCGAU 59
chr-G2.trna15-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGG-AUCGAU 59
chr-G8.trna13-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGG-AUCGAU 59
chr-G3.trna27-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGG-AUCGAU 59
chr-G5.trna40-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGG-AUCGAU 59
chr-G5.trna39-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGG-AUCGAU 59
chr-G5.trna38-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGG-AUCGAU 59
chr-G3.trna32-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGG-AUCGAU 59
chr-G5.trna8-Ala-AGC     GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGG-AUCGAU 59
chr-G5.trna7-Ala-AGC     GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGG-AUCGAU 59
chr-G4.trna38-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGG-AUCGAU 59
chr-G8.trna17-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGG-AUCGAU 59
chr-G4.trna15-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGG-AUCGAU 59
chr-G1.trna67-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGG-AUCGAU 59
chr-G5.trna58-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACAGGG-AUCGAU 59
                         .........10........20........30........40........50.........

                         .)))))))))))).
chr-G2.trna74-Ala-TGC    CCUGGUUGGGCCCU 73
chr-G2.trna73-Ala-TGC    CUCGAUUGGGCCCU 72
chr-G1.trna1-Ala-TGC     CCCCUGCAUCUCCA 73
chr-G3.trna18-Ala-TGC    CCCCUGCAUCUCCA 73
chr-G3.trna28-Ala-TGC    CCCCUGCAUCUCCA 73
chr-G3.trna29-Ala-TGC    CCCCUGCAUCUCCA 73
chr-G4.trna14-Ala-TGC    ACCCUGCAUCUCCA 73
chr-G4.trna37-Ala-TGC    ACCCUGCAUCUCCA 73
chr-G1.trna37-Ala-CGC    UCCCCGCACCUCCA 73
chr-G2.trna35-Ala-CGC    UCCCCGCACCUCCA 73
chr-G5.trna22-Ala-CGC    UCCCCGCGUCUCCA 73
chr-G6.trna41-Ala-CGC    UCCCCGCGUCUCCA 73
chr-G1.trna11-Ala-TGC    ACCCCGCAUCUCCA 73
chr-G7.trna39-Ala-TGC    ACCCCGCAUCUCCA 73
chr-G7.trna40-Ala-TGC    ACCCCGCAUCUCCA 73
chr-G1.trna63-Ala-AGC    ACCCCGCAUCUCCA 73
chr-G2.trna15-Ala-AGC    ACCCCGCAUCUCCA 73
chr-G8.trna13-Ala-AGC    ACCCCGCAUCUCCA 73
chr-G3.trna27-Ala-AGC    ACCCCGCAUCUCCA 73
chr-G5.trna40-Ala-AGC    ACCCCGCAUCUCCA 73
chr-G5.trna39-Ala-AGC    ACCCCGCAUCUCCA 73
chr-G5.trna38-Ala-AGC    ACCCCGCAUCUCCA 73
chr-G3.trna32-Ala-AGC    ACCCCGCAUCUCCA 73
chr-G5.trna8-Ala-AGC     ACCCCGCAUCUCCA 73
chr-G5.trna7-Ala-AGC     ACCCCGCAUCUCCA 73
chr-G4.trna38-Ala-AGC    ACCCCGCAUCUCCA 73
chr-G8.trna17-Ala-AGC    ACCCCGCAUCUCCA 73
chr-G4.trna15-Ala-AGC    ACCCCGCAUCUCCA 73
chr-G1.trna67-Ala-AGC    GCCCCGCAUCUCCA 73
chr-G5.trna58-Ala-AGC    ACCCCGCAUCUCCA 73
                         .........70...
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