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                        (((((((...((((.....)))).)))))).....(((((.....)))))....(((((.....)
chr-G1.trna22-Gly-GCC   GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-G1.trna96-Gly-GCC   GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-G7.trna19-Gly-GCC   GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-G1.trna97-Gly-GCC   GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-G3.trna37-Gly-GCC   GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-G3.trna38-Gly-GCC   GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-G4.trna36-Gly-GCC   GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-G6.trna70-Gly-GCC   GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-G4.trna39-Gly-GCC   GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-G6.trna54-Gly-GCC   GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-G6.trna37-Gly-GCC   GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-G6.trna36-Gly-GCC   GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-G6.trna2-Gly-GCC    GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-G6.trna25-Gly-GCC   GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-G6.trna15-Gly-GCC   GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-G5.trna30-Gly-CCC   GCGCAUCUGGUGUAGUGG-UAUCAUAGUACCCUCCCACGGUACUGACCAGGGUUCGAUUC 59
chr-G5.trna4-Gly-CCC    GCGCAUCUGGUGUAGUGG-UAUCAUAGUACCCUCCCACGGUACUGACCAGGGUUCGAUUC 59
chr-G4.trna16-Gly-CCC   GCGCAUCUGGUGUAGUGG-UAUCAUAGUACCCUCCCACGGUACUGACCAGGGUUCGAUUC 59
chr-G3.trna14-Gly-CCC   GCGCAUCUGGUGUAGUGG-UAUCAUAGUACCCUCCCACGGUACUGACCAGGGUUCGAUUC 59
chr-G6.trna31-Gly-CCC   GCGCAUCUGGUGUAGUGG-UAUCAUAGUACCCUCCCACGGUACUGACCAGGGUUCGAUUC 59
chr-G1.trna39-Gly-TCC   GCGUCAGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-G1.trna40-Gly-TCC   GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-G6.trna6-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-G5.trna44-Gly-TCC   GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-G1.trna41-Gly-TCC   GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-G7.trna6-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-G6.trna74-Gly-TCC   GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-G6.trna73-Gly-TCC   GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-G6.trna62-Gly-TCC   GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-G6.trna72-Gly-TCC   GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-G5.trna5-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGAUCCGGGUUCGACUC 60
chr-G2.trna87-Gly-GCC   GCGGAUAUAGUCAAAUGG-UAAAAUUUCUCUUUGCCAAGGAGAAGAUGCGGGUUCGAAUC 59
                        .........10........20........30........40........50.........
                        ))))))))))).
chr-G1.trna22-Gly-GCC   CCGGCUGGUGCA 71
chr-G1.trna96-Gly-GCC   CCGGCUGGUGCA 71
chr-G7.trna19-Gly-GCC   CCGGCUGGUGCA 71
chr-G1.trna97-Gly-GCC   CCGGCUGGUGCA 71
chr-G3.trna37-Gly-GCC   CCGGCUGGUGCA 71
chr-G3.trna38-Gly-GCC   CCGGCUGGUGCA 71
chr-G4.trna36-Gly-GCC   CCGGCUGGUGCA 71
chr-G6.trna70-Gly-GCC   CCGGCUGGUGCA 71
chr-G4.trna39-Gly-GCC   CCGGCUGGUGCA 71
chr-G6.trna54-Gly-GCC   CCGGCUGGUGCA 71
chr-G6.trna37-Gly-GCC   CCGGCUGGUGCA 71
chr-G6.trna36-Gly-GCC   CCGGCUGGUGCA 71
chr-G6.trna2-Gly-GCC    CCGGCUGGUGCA 71
chr-G6.trna25-Gly-GCC   CCGGCUGGUGCA 71
chr-G6.trna15-Gly-GCC   CCGGCUGGUGCA 71
chr-G5.trna30-Gly-CCC   CCUGGAUGCGCA 71
chr-G5.trna4-Gly-CCC    CCUGGAUGCGCA 71
chr-G4.trna16-Gly-CCC   CCUGGAUGCGCA 71
chr-G3.trna14-Gly-CCC   CCUGGAUGCGCA 71
chr-G6.trna31-Gly-CCC   CCUGGAUGCGCA 71
chr-G1.trna39-Gly-TCC   CCGGCUGACGCA 72
chr-G1.trna40-Gly-TCC   CCGGCAGACGCA 72
chr-G6.trna6-Gly-TCC    CCGGCAGACGCA 72
chr-G5.trna44-Gly-TCC   CCGGCAGACGCA 72
chr-G1.trna41-Gly-TCC   CCGGCAGACGCA 72
chr-G7.trna6-Gly-TCC    CCGGCAGACGCA 72
chr-G6.trna74-Gly-TCC   CCGGCAAACGCA 72
chr-G6.trna73-Gly-TCC   CCGGCAGACGCA 72
chr-G6.trna62-Gly-TCC   CCGGCAGACGCA 72
chr-G6.trna72-Gly-TCC   CCGGCAGACGCA 72
chr-G5.trna5-Gly-TCC    CCGGCAGACGCA 72
chr-G2.trna87-Gly-GCC   CUGCUAUCCACC 71
                        .........70.
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