```
                                 (((((((..(((..((.(((((((((.....))).)))))))..)).....).(((((..
chr-6.trna7-Asn-GTT              UCCUCAGUAGCUCAGUGG--UAGAGCGGUCGGCUGUUAACUGACUGG-----UCGUGG-- 51
chr-3.trna68-Asn-GTT             UCCUCAGUAGCUCAGUGG--UAGAGCGGUCGGCUGUUAACCGAUUGG-----UCGUAG-- 51
chr-10.trna19-Asn-ATT            UUCUCAGUAGCUCAGUGG--UAGAGCGAUUAGCUAUUAACCGAUUGG-----UCGUAG-- 51
chr-8.trna64-Asn-GTT             GUUAGAAUACCUCAGUUGGUUAGAGCGUGUGGUUGUUAACCAUAAGG-----UUGGAA-- 53
chr-5.trna50-Asn-GTT             GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGGAG-- 53
chr-5.trna63-Asn-GTT             GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGGAG-- 53
chr-10.trna49-Asn-GTT            GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGGAG-- 53
chr-7.trna74-Asn-GTT             GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGGAG-- 53
chr-8.trna70-Asn-GTT             GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGGAG-- 53
chr-9.trna72-Asn-GTT             GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGGAG-- 53
chr-8.trna71-Asn-GTT             GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGGAG-- 53
chr-10.trna36-Asn-GTT            GCUGGAAUAACUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGGAG-- 53
chr-8.trna55-Asn-GTT             GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACUACAAGG-----UCGGAG-- 53
chr-3.trna15-Asn-GTT             GCUGGAAUAGCUUAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGGAG-- 53
chr-3.trna132-Asn-GTT            GCUGGAAUAGCUCAGUUGGUUAGAGCGUAUGGCUGUUAACCACAAGG-----UCGGAG-- 53
chr-2.trna3-Asn-GTT              GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGGAG-- 53
chr-2.trna59-Asn-GTT             GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGGAG-- 53
chr-3.trna88-Asn-GTT             GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGGAG-- 53
chr-2.trna2-Asn-GTT              GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGGAG-- 53
chr-9.trna1-Asn-GTT              GUUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGGAG-- 53
chr-3.trna131-Asn-GTT            GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UUGGAG-- 53
chr-2.trna39-Asn-GTT             GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGAAG-- 53
chr-8.trna66-Asn-GTT             GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGAAG-- 53
chr-5.trna19-Asn-GTT             GCUGGAAUAGCUCAGUUGGCUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGAAG-- 53
chr-4.trna50-Asn-GTT             GCUGGAGUAGUUCAGUUGGUUAGAGCAUGUGGCUGUUAACCACAAGG-----UCGAAG-- 53
chr-8.trna67-Asn-GTT             GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCAGAG-- 53
chr-8.trna65-Asn-GTT             GCUGGAAUAACUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGGAG-- 53
chr-5.trna32-Asn-GTT             GCUGGAAUAGCUCAGUUGGUUAGAGCAUGUUGCUGUUAACCACAAGG-----UUGGAG-- 53
chr-6.trna60-Asn-GTT             GCUU---UGGCCGAGU-GGUUAAGGCGUGUGCCUGUUAAGUACAUGGGGUUUCCCUGUGA 56
                                 .........10.........20.........30.........40.........50.........

                                 ..(.......))))....))))))..)).. 
chr-6.trna7-Asn-GTT              --GUUCAAAUCCUA----CUUGGG-GAG- 72
chr-3.trna68-Asn-GTT             --GUUCGAAUCCUA----CUUGGGAGAU- 73
chr-10.trna19-Asn-ATT            --GUUCGAAUCCUA----CUUGGG-GAG- 72
chr-8.trna64-Asn-GTT             --AUUCAAGCCCUC----CUUCUA-GCA- 74
chr-5.trna50-Asn-GTT             --GUUCAAGCCCUC----CUUCUA-GCG- 74
chr-5.trna63-Asn-GTT             --GUUCAAGCCCUC----CUUCUA-GCG- 74
chr-10.trna49-Asn-GTT            --GUUCAAGCCCUC----CUUCUA-GCG- 74
chr-7.trna74-Asn-GTT             --GUUCAAGCCCUC----CUUCUA-GCG- 74
chr-8.trna70-Asn-GTT             --GUUCAAGCCCUC----CUUCUA-GCG- 74
chr-9.trna72-Asn-GTT             --GUUCAAGCCCUC----CUUCUA-GCG- 74
chr-8.trna71-Asn-GTT             --GUUCAAGCCCUC----CUUCUA-GCG- 74
chr-10.trna36-Asn-GTT            --GUUCAAGCCCUC----CUUCUA-GCG- 74
chr-8.trna55-Asn-GTT             --GUUCAAGCCCUC----CUUCUA-GCG- 74
chr-3.trna15-Asn-GTT             --GUUCAAGCCCUC----CUUCUA-GCG- 74
chr-3.trna132-Asn-GTT            --GUUCAAGCCCUC----CUUCUA-GCG- 74
chr-2.trna3-Asn-GTT              --GUUCAAACCCUC----CUUCUA-GCG- 74
chr-2.trna59-Asn-GTT             --GUUCAAACCCUC----CUUCUA-GCG- 74
chr-3.trna88-Asn-GTT             --GUUCAAACCCUC----CUUCUA-GCG- 74
chr-2.trna2-Asn-GTT              --GUUCAAACCCUC----CUUCUA-GCG- 74
chr-9.trna1-Asn-GTT              --GUUCAAACCCUC----CUUCUA-GCG- 74
chr-3.trna131-Asn-GTT            --GUUCAAACCCUC----CUUCUA-GCG- 74
chr-2.trna39-Asn-GTT             --GUUCAACCCCUU----CUUCUA-GCG- 74
chr-8.trna66-Asn-GTT             --GUUCAAACCCUC----CUUCUA-GCG- 74
chr-5.trna19-Asn-GTT             --GUUCAAGCCCUU----CUUCUA-GCG- 74
chr-4.trna50-Asn-GTT             --GUUCAACCCCUU----CCUCUA-GCG- 74
chr-8.trna67-Asn-GTT             --GUUCAAACCCUC----CUUCUA-GCG- 74
chr-8.trna65-Asn-GTT             --GUUC--GCCCUC----CUUCUA-GCG- 72
chr-5.trna32-Asn-GTT             --GUUUGAACCCUC----CUUCUA-CUG- 74
chr-6.trna60-Asn-GTT             GAGUUCGAAACACAAGAUCUCCUGCUCUA 85
                                 .........70.........80........
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