```
                                                  (((((((..(((..((.(((((((((.....))).)))))))..)).....).(((((..
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-9.trna72-Asn-GTT    GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG-----UCGGAG-- 53
chr-8.trna70-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.trna7-Asn-GTT     UCCUCAGUAGCUCAGUGG--UAGAGCGGUCGGCUGUUAACUGACUGG-----UCGUGG-- 51
chr-3.trna68-Asn-GTT    UCCUCAGUAGCUCAGUGG--UAGAGCGGUCGGCUGUUAACCGAUUGG-----UCGUAG-- 51
chr-6.trna60-Asn-GTT    GCUU---UGGCCGAGU-GGUUAAGGCGUGUGCCUGUUAAGUACAUGGGGUUUCCCUGUGA 56
                        .........10........20........30........40........50.........

                        ..(........))))....))))))..))..
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-9.trna72-Asn-GTT    --GUUCAAGCCCUC----CUUCUA-GCG- 74
chr-8.trna70-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.trna7-Asn-GTT     --GUUCAAAUCCUA----CUUGGG-GAG- 72
chr-3.trna68-Asn-GTT    --GUUCGAAUCCUA----CUUGGGAGAU- 73
chr-6.trna60-Asn-GTT    GAGUUCGAAACACAAGAUCUCCUGCUCUA 85
                        .........70........80........
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