```
                                 ((((((.....((((.........)))).(((((.......)))))).............
chr-10.trna17-Asn-GTT    --UGGAGU---AGCUCAGUUGGUUGGAGCGUGUGGCUGUUAACCACAAGGUC-------- 47
chr-1.trna60-Asn-GTT     GCUGGAAU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-2.trna10-Asn-GTT     GCUGGAAU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-12.trna50-Asn-GTT    GCUGGAAU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-2.trna13-Asn-GTT     GCUGGAAU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-11.trna3-Asn-GTT     GCUGGAAU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-2.trna33-Asn-GTT     GCUGGAAU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-2.trna64-Asn-GTT     GCUGGAAU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-1.trna5-Asn-GTT      GCUGGAAU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-4.trna81-Asn-GTT     GCUGGAAU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-6.trna88-Asn-GTT     GCUGGAAU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-6.trna80-Asn-GTT     GCUGGAAU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-12.trna56-Asn-GTT    GCUGGAAU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-6.trna22-Asn-GTT     GCUGGAAU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-5.trna1-Asn-GTT      GCUGGAAU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-5.trna61-Asn-GTT     GCUGGAAU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-5.trna60-Asn-GTT     GCUGGAAU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-5.trna6-Asn-GTT      GCUGGAAU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-4.trna56-Asn-GTT     GCUGGAAU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-6.trna31-Asn-GTT     GCUGGAGU---AGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-3.trna14-Asn-GTT     GCUGGAAU---AGUUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUC-------- 49
chr-2.trna44-Asn-GTT     GCUGGAAU---AGCUCAGUUGGUUAGAGCAUGUGGCUGUUAACCACAAGGUC-------- 49
chr-3.trna46-Asn-GTT     GCUGGAAU---AGCUCAGUUGGUUAGAGCGUAUGGCUGUUAACCAUAAGGUC-------- 49
chr-8.trna53-Asn-GTT     UCAUCAGU---AGCUUAGU--GGUAGAGCGGUUGGUUGUUAACCGAUUGGUC-------- 47
chr-3.trna67-Asn-GTT     UCUUCAGU---AGCUCAGU--GGUAGAGUGGUCGGCUGUUAACCGAUUGGUC-------- 47
chr-8.trna59-Asn-GTT     UCCUUGGU---AGCUCAAU--GGUAGAGCGGUCGGCUGUUAAUCGAUUGGUC-------- 47
chr-11.trna47-Asn-GTT    UCCUCAGU---AGCUCAGU--GGUAGAGCGGUCAACUGUUAACCAAUUGGUC-------- 47
chr-9.trna14-Asn-GTT     UCCUCAGU---AGCUCAGU--GGUAGAGCGGUCAGCUGUUAACCGAUUGGUC-------- 47
chr-6.trna15-Asn-GTT     AUACAAAUGAAAGCUUAGU--GGUAGAGCGGUCGGCUGUUAACCGAUUGGUU-------- 50
chr-5.trna16-Asn-GTT     GUCGUUGU---AGUAUAGU-GGUAAGUAUUCCCGCCUGUUACGCAGGUGA-C-------- 47
chr-3.trna65-Asn-GTT     ---UCAGU---UGCUCAGU--GGUAGAGUGGUCGGCUGUUAACCGAUUGGUU-------- 44
chr-5.trna42-Asn-GTT     GGAGAGAU---CGCUGAGUGGAUUAAAGCGGCGGAUUGUUAAUCCGUUGUACGAGUUCAU 57
                                 .........10.........20.........30.........40.........50.........
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                                 ......(((((.......)))))))))))).
chr-10.trna17-Asn-GTT    ------GAAGGUUCAA-CCCUUCCUUUAAA 71
chr-1.trna60-Asn-GTT     ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-2.trna10-Asn-GTT     ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-12.trna50-Asn-GTT    ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-2.trna13-Asn-GTT     ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-11.trna3-Asn-GTT     ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-2.trna33-Asn-GTT     ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-2.trna64-Asn-GTT     ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-1.trna5-Asn-GTT      ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-4.trna81-Asn-GTT     ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-6.trna88-Asn-GTT     ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-6.trna80-Asn-GTT     ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-12.trna56-Asn-GTT    ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-6.trna22-Asn-GTT     ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-5.trna1-Asn-GTT      ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-5.trna61-Asn-GTT     ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-5.trna60-Asn-GTT     ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-5.trna6-Asn-GTT      ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-4.trna56-Asn-GTT     ------GAAGGUUCAACCCCUUCUUCUAGCG 74
chr-6.trna31-Asn-GTT     ------GAAGGUUCAACCCCUUCCUCUAGCG 74
chr-3.trna14-Asn-GTT     ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-2.trna44-Asn-GTT     ------GGAGGUUCAAGCCCUCCUUCUAGCG 74
chr-3.trna46-Asn-GTT     ------GGAGGUUCGACCCCUCCUUCUAGCG 74
chr-8.trna53-Asn-GTT     ------GUAGGUUCGAAUCCUACUUGGGGAG 72
chr-3.trna67-Asn-GTT     ------GUAGGUUCGAAUCCUACUUGGGGAG 72
chr-8.trna59-Asn-GTT     ------GUAGGUUUGUAUCCUACUUGGGGAU 72
chr-11.trna47-Asn-GTT    ------AUAGGUUCGAAUCCUACUUGGGGAG 72
chr-9.trna14-Asn-GTT     ------GUAAGUUCGAAUCCUACUUGGGGAG 72
chr-6.trna15-Asn-GTT     ------GUAGGUUCAAAUCCUACUUUGUGAG 75
chr-5.trna16-Asn-GTT     ------CCGGGUUCGAUCCCUGGCAGGCGG 72
chr-3.trna65-Asn-GTT     ------GUAGGUUCCAAUCCUACUAGAAAAU 69
chr-5.trna42-Asn-GTT     CGUACAGAGGGUUCAAAUCCCUCUCUUUCCG 88
                                 .........70.........80.........90
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