```
                                (((.(((((((...((.......)))))))(.(((((.......))))))).).))(((((
chr-5e.trna26-Asn-GTT     UUC-UCAGUAG---CUCAGU----GGUAGAGCGGUCAGCUGUUAACCGAUUGGUCAUAGG 52
chr-5e.trna27-Asn-GTT     UUC-UCAGUAG---CUCAGU----GGUAGAGCGGUCAGCUGUUAACCGAUUGGUCAUAGG 52
chr-2e.trna56-Asn-GTT     UCC-UUAGUAG---CUCAGU----GGUAGAGCGGUUGACUGUUAACCGAUUGGUCGUAGG 52
chr-2c.trna40-Asn-GTT     UCC-UCAGUAG---CUCAGU----GGUAGAGCGGUCGGCUGUUAACUGAUUGGUCGUAGG 52
chr-3c.trna4-Asn-GTT      GCU-GGAGUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAGG 54
chr-3e.trna4-Asn-GTT      GCU-GGAGUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAGG 54
chr-4c.trna12-Asn-GTT     GCU-GGAGUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAGG 54
chr-10e.trna23-Asn-GTT    GCU-GGAGUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAGG 54
chr-10c.trna14-Asn-GTT    GCU-GGAGUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAGG 54
chr-11e.trna26-Asn-GTT    GCU-GGAAUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGG 54
chr-7e.trna62-Asn-GTT     GCU-GGAAUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGG 54
chr-7e.trna55-Asn-GTT     GCU-GGAAUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGG 54
chr-11c.trna26-Asn-GTT    GCU-GGAAUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGG 54
chr-7e.trna53-Asn-GTT     GCU-GGAAUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGG 54
chr-7c.trna64-Asn-GTT     GCU-GGAAUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGG 54
chr-7c.trna58-Asn-GTT     GCU-GGAAUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGG 54
chr-4c.trna37-Asn-GTT     GCU-GGAAUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGG 54
chr-4e.trna45-Asn-GTT     GCU-GGAAUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGG 54
chr-4e.trna46-Asn-GTT     GCU-GGAAUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGG 54
chr-2e.trna69-Asn-GTT     GCU-GGAGUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAGG 54
chr-7e.trna54-Asn-GTT     GCU-GGAAUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGG 54
chr-4c.trna13-Asn-GTT     GCU-GGAGUAG---CUCAGCU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAGG 54
chr-4e.trna14-Asn-GTT     GCU-GGAGUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAGG 54
chr-2c.trna65-Asn-GTT     GCU-GGAGUAG---CUCAGUC--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAGG 54
chr-2e.trna71-Asn-GTT     GCU-GGAGUAG---CUCAGUC--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAGG 54
chr-4e.trna1-Asn-GTT      GCU-GGAGUAG---CUCAGUC--GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAGG 54
chr-4e.trna13-Asn-GTT     GCU-GGAGUAG---CUCAGUU--GGUUAGAGCGUGUGGCUGUUAACCACAAGCUCGAAGG 54
chr-4e.trna12-Asn-GTT     GCU-GAUGUAG---CUCAGUU--GGUUAGAGCAUGUGGCUGUUAACCACAAGGUCGAAGG 54
chr-6e.trna27-Asn-GTT     UCUAUCAGAAGAAUUUGCUCAGUGGUAGAGCGGUCGGCUGUUAACCGAUUGGUCGUAGG 60
                          .........10........20........30........40........50.........

                          .......)))))))))))).
chr-5e.trna26-Asn-GTT     UUCGAAUCCUACUUGGGUAA 72
chr-5e.trna27-Asn-GTT     UUCGAAUCCUACUUGGGUAA 72
chr-2e.trna56-Asn-GTT     UUCGAAUCCUACUUGGGGAG 72
chr-2c.trna40-Asn-GTT     UUCGAAUCCUACUUGGAGAU 72
chr-3c.trna4-Asn-GTT      UUCAAGCCCUUCCUCUAGCG 74
chr-3e.trna4-Asn-GTT      UUCAAGCCCUUCCUCUAGCG 74
chr-4c.trna12-Asn-GTT     UUCAAGCCCUUCCUCUAGCG 74
chr-10e.trna23-Asn-GTT    UUCAAGCCCUUCCUCUAGCG 74
chr-10c.trna14-Asn-GTT    UUCAAGCCCUUCCUCUAGCG 74
chr-11e.trna26-Asn-GTT    UUCAAGCCCUCCUUCUAGCG 74
chr-7e.trna62-Asn-GTT     UUCAAGCCCUCCUUCUAGCG 74
chr-7e.trna55-Asn-GTT     UUCAAGCCCUCCUUCUAGCG 74
chr-11c.trna26-Asn-GTT    UUCAAGCCCUCCUUCUAGCG 74
chr-7e.trna53-Asn-GTT     UUCAAGCCCUCCUUCUAGCG 74
chr-7c.trna64-Asn-GTT     UUCAAGCCCUCCUUCUAGCG 74
chr-7c.trna58-Asn-GTT     UUCAAGCCCUCCUUCUAGCG 74
chr-4c.trna37-Asn-GTT     UUCAAGCCCUCCUUCUAGCG 74
chr-4e.trna45-Asn-GTT     UUCAAGCCCUCCUUCUAGCG 74
chr-4e.trna46-Asn-GTT     UUCAAGCCCUCCUUCUAGCG 74
chr-2e.trna69-Asn-GTT     UUCAAGCCCUUCUUCUAGCG 74
chr-7e.trna54-Asn-GTT     UUCAAGACCUCCUUCUAGCG 74
chr-4c.trna13-Asn-GTT     UUCAAGCCCUUCCUCUAGCG 74
chr-4e.trna14-Asn-GTT     UUCCAUCCCUUCCUCUAGCG 74
chr-2c.trna65-Asn-GTT     UUCAACCCCUUCCUCUAGCG 74
chr-2e.trna71-Asn-GTT     UUCAACCCCUUCCUCUAGCG 74
chr-4e.trna1-Asn-GTT      UUCAACCCCUUCCUCUAGCG 74
chr-4e.trna13-Asn-GTT     UUCAAGCCCUUCCUCUAGCG 74
chr-4e.trna12-Asn-GTT     UUCAAGCCCUUUCUCUAGCG 74
chr-6e.trna27-Asn-GTT     UUCGAAUCCUACUUGGGGAG 80
                          .........70.........
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