```
                                (((.((((.......((((.........)))).(((((((....).)))))).....(((((
chr-10.trna26-Arg-CCG    GAU-CGCA-----UAGCGGAGUGGA-UAUCGCGGUUAGACUCCGGAUCUAAAGGUCGUGGG 53
chr-10.trna31-Arg-TCG    GAC-CGCA-----UAGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGG 54
chr-8.trna47-Arg-TCG     GAC-CGCA-----UAGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGG 54
chr-7.trna43-Arg-TCG     GAC-CGCA-----UAGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGG 54
chr-20.trna13-Arg-TCG    GAC-CGCA-----UGGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGG 54
chr-4.trna21-Arg-TCG     GAC-CGCA-----UAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGG 54
chr-6.trna42-Arg-TCG     GAC-CGCA-----UAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGG 54
chr-12.trna40-Arg-TCG    GAC-CGCA-----UAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGG 54
chr-8.trna19-Arg-TCG     GAC-CGCA-----UAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGG 54
chr-8.trna57-Arg-TCG     GAC-CGCA-----UAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGG 54
chr-2.trna76-Arg-TCT     GCG-CCUG-----UGGCCUAAUCGA-UAAGGCGUCUGACUUCUAAUCAGACGAUUGUGGG 53
chr-3.trna35-Arg-TCT     GCG-CCUG-----UGGCCUAAUGGA-UAAGGCGCCUGACUUCUAAUCAGGCGAUUGUGGG 53
chr-10.trna46-Arg-TCT    GCG-CCUG-----UGGCCUAAUGGA-UAAGGCGCCUGACUUCUAAUCAGGCGAUUGUGGG 53
chr-19.trna30-Arg-TCT    GCG-CCCG-----UGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGG 53
chr-13.trna35-Arg-TCT    GCG-CCCA-----UGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGG 53
chr-2.trna68-Arg-TCT     GCG-CCCA-----UGGCCUAAUGGA-UAAGGCGCUUGACUUCUAAUCAAGCGAUUGUGGG 53
chr-2.trna69-Arg-TCT     GCG-CCCA-----UGGCCUAAUGGA-UAAGGCGCUUGACUUCUAAUCAAGCGAUUGUGGG 53
chr-15.trna68-Arg-TCT    GCG-CCCA-----UGGCCUAAUGGA-UAAGGCGCUUGACUUCUAAUCAAGCGAUUGUGGG 53
chr-2.trna7-Arg-TCT      GCG-CCCA-----UGGCCUAAUGGA-UAAGGCGCUUGACUUCUAAUCAAGCGAUUGUGGG 53
chr-16.trna20-Arg-TCT    GCG-CCCA-----UGGCCUAAUGGA-UAAGGCGCUUGACUUCUAAUCAAGCGAUUGUGGG 53
chr-13.trna36-Arg-TCT    GCG-CCCA-----UGGCCUAAUGGA-UAAGGCGCUUGACUUCUAAUCAAGCGAUUGUGGG 53
chr-7.trna22-Arg-TCT     GCG-CCUG-----UGGCCUAAUGGA-UAAGGCGCUUGACUUCUAAUCAAGCGAUUGUGGG 53
chr-4.trna35-Arg-CCG     GGU-CGCG-----UGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGG 53
chr-6.trna60-Arg-CCG     GGU-CGCG-----UGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGG 53
chr-19.trna24-Arg-CCG    GUU-CGCG-----UGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGG 53
chr-8.trna45-Arg-CCG     GAU-CGCG-----UGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGG 53
chr-18.trna14-Arg-ACG    GAC-UCCA-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGG 53
chr-2.trna58-Arg-ACG     GAC-UCCA-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGG 53
chr-11.trna34-Arg-ACG    GAC-UCCA-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGG 53
chr-18.trna4-Arg-ACG     GAC-UCCA-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGG 53
chr-2.trna61-Arg-ACG     GAC-UCCA-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGG 53
chr-16.trna18-Arg-ACG    GAC-UCCA-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGG 53
chr-10.trna3-Arg-ACG     GAC-UCCA-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGG 53
chr-9.trna35-Arg-ACG     GAC-UCCA-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGG 53
chr-15.trna29-Arg-ACG    GAC-UCCA-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGG 53
chr-18.trna57-Arg-ACG    GAC-UCCA-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGG 53
chr-13.trna70-Arg-ACG    GAC-UCCA-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGG 53
chr-8.trna39-Arg-ACG     GAC-UCCA-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGG 53
chr-5.trna18-Arg-ACG     GAC-UCCG-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGG 53
chr-3.trna32-Arg-CCT     GCG-CUUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCGUAGG 53
chr-6.trna22-Arg-CCT     GCG-CUUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCGUAGG 53
chr-11.trna42-Arg-CCT    GCG-CUUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCGUAGG 53
chr-12.trna19-Arg-CCT    GCG-CUUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCGUAGG 53
chr-19.trna28-Arg-CCT    GCG-CUUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCGUAGG 53
chr-12.trna42-Arg-CCT    GCG-CUUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCGUAGG 53
chr-18.trna5-Arg-CCT     GCG-CUUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCGUAGG 53
chr-2.trna39-Arg-CCT     GCG-CCUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCGUAGG 53
chr-17.trna30-Arg-CCT    GCG-CCUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGG 53
chr-12.trna24-Arg-CCT    GCG-CCUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGG 53
chr-14.trna32-Arg-CCT    GCG-CCUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGG 53
chr-13.trna25-Arg-CCT    GCG-CCUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGG 53
chr-12.trna35-Arg-CCT    GCG-CCUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGG 53
chr-15.trna67-Arg-TCT    AGCACCCA-----UGGCCUAAUGGA-UAAGGCACCUGACUUCUAAUCAGGUGAUUAUGGG 54
chr-12.trna4-Arg-TCT     GCA-UCCA-----UUGUCUAAUGGA-UAGGACAGAGGUCUUCUAAACCUUAGGU-AUAAG 52
chr-7.trna31-Arg-ACG     GGG-UGGGGCCUGUAGCUCAGAGGAUUAGAGCAUGUGGCUACGAACCACGGUGUCGGGGG 59
chr-6.trna47-Arg-CCG     GGA-UCCG-----UGGCGCAAUGG--UAACGCGGUCUGACUCCGGAUCAGAAGGUUGU--- 49
                         .........10........20........30........40........50.........
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