```
                                 ((((((.....((((.........)))).(((((.......)))))).....(((((..
chr-4.trna6-Arg-TCG              GACCGCAU----AGCGCAGUGGAUUAGCGCGUUCGACUUCGGAUCAAAAGGUCGUGGGUU 56
chr-4.trna5-Arg-TCG              GACCGCAU----AGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGGUU 56
chr-6.trna28-Arg-TCG             GACCGCAU----AGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGGUU 56
chr-6.trna24-Arg-TCG             GACCGCAU----AGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGGUU 56
chr-2.trna53-Arg-TCG             GACCGCAU----AGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGGUU 56
chr-4.trna15-Arg-TCG             GACCGCAU----AGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGGUU 56
chr-2.trna11-Arg-CCG             GAUCGCAU----AGCGGAGUGGA-UAUCGCGUUAGACUCCGAAUCUAAAGGUCGUGGGUU 55
chr-2.trna88-Arg-CCG             GAUCGCAU----AGCGGAGUGGA-UAUCGCGUUAGACUCCGAAUCUAAAGGUCGUGGGUU 55
chr-1.trna36-Arg-TCT             GCGCCCGU----GGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUU 55
chr-3.trna10-Arg-TCT             GCGCCCGU----GGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUU 55
chr-4.trna41-Arg-TCT             GCACCCGU----GGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUU 55
chr-1.trna6-Arg-TCT              GCGCCCAU----GGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUU 55
chr-1.trna104-Arg-TCT            GCGCCCAU----GGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUU 55
chr-2.trna39-Arg-TCT             GCGCCCAU----GGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUU 55
chr-2.trna40-Arg-TCT             GCGCCCAU----GGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUU 55
chr-1.trna5-Arg-TCT              GCGCCCGU----GGCCUAAUGGA-UAAGGCGUUUGACUUCUAAUCAAACGAUUGUGGGUU 55
chr-10.trna57-Arg-TCT            GCGCUCGU----GGCCUAAUGGA-UAAGGCGUUUGACUUCUAAUCAAACGAUUGUGGGUU 55
chr-1.trna40-Arg-CCG             GAUCGCGU----GGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGGUU 55
chr-6.trna8-Arg-CCG              GUUCGCGU----GGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGGUU 55
chr-9.trna19-Arg-ACG             GACUCUGU----GGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUU 55
chr-8.trna39-Arg-ACG             GACUCUGU----GGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUU 55
chr-8.trna3-Arg-ACG              GACUCUGU----GGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUU 55
chr-9.trna22-Arg-ACG             GACUCUGU----GGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUU 55
chr-10.trna10-Arg-ACG            GACUCUGU----GGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUU 55
chr-4.trna8-Arg-ACG              GACUUCAU----GGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUU 55
chr-4.trna39-Arg-ACG             GACUCAAU----GGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUU 55
chr-8.trna35-Arg-CCT             GCGCCUGU----AGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGGUU 55
chr-1.trna2-Arg-CCT              GCGCCUGU----AGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGGUU 55
chr-6.trna32-Arg-CCT             GCGCCUGU----AGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGGUU 55
chr-4.trna14-Arg-CCT             GCGCCUGU----AGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGGUU 55
chr-2.trna92-Arg-CCT             GCGCCUGU----AGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCGUAGGUU 55
chr-10.trna19-Arg-CCT            GCGCCUGU----AGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCGUAGGUU 55
chr-2.trna93-Arg-CCT             GCGCCUGU----AGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCGUAGGUU 55
chr-2.trna1-Arg-CCT              GCGCCUGU----AGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCAUAGGUU 55
chr-8.trna42-Arg-ACG             GGUGGGGCUCAGAGCUCAAAGGAUUAGAGCAUGUGGCUACGAACCACGGUGUCGGGGGUU 60
chr-8.trna37-Arg-CCG             GUGGCUGU----AGUUUAGUGG-----UGAGAAUUCCACCGUGGAGG-----CCUGGGUU 46
chr-1.trna44-Arg-ACG             GCCUGU------AGCUCAGAGGAUUAGAGCACGUGGCUACGAACCACGGUGUCGGGGGUU 54
                                 .........10........20........30........40........50.........
                                 ..........................))))))).....)))))).
chr-4.trna6-Arg-TCG              CGACU------------------CCCACU-----GUGGUCG 74
chr-4.trna5-Arg-TCG              CGACU------------------CCCACU-----GUGGUCG 74
chr-6.trna28-Arg-TCG             CGACU------------------CCCACU-----GUGGUCG 74
chr-6.trna24-Arg-TCG             CGACU------------------CCCACU-----GUGGUCG 74
chr-2.trna53-Arg-TCG             CGACU------------------CCCACU-----GUGGUCG 74
chr-4.trna15-Arg-TCG             CGACU------------------CCCACU-----GUGGUCG 74
chr-2.trna11-Arg-CCG             CGAAU------------------CCCACU-----GCGAUCG 73
chr-2.trna88-Arg-CCG             CGAAU------------------CCCACU-----GCGAUCG 73
chr-1.trna36-Arg-TCT             CGAGU------------------CCCACC-----GGGCGUG 73
chr-3.trna10-Arg-TCT             CGAGU------------------CCCACC-----GGGCGUG 73
chr-4.trna41-Arg-TCT             CGAGU------------------CCCACC-----GGGUGUG 73
chr-1.trna6-Arg-TCT              CGAGU------------------CCCACU-----GGGCGUG 73
chr-1.trna104-Arg-TCT            CGAGU------------------CCCACU-----GGGCGUG 73
chr-2.trna39-Arg-TCT             CGAGU------------------CCCACU-----GGGCGUG 73
chr-2.trna40-Arg-TCT             CGAGU------------------CCCACU-----GGGCGUG 73
chr-1.trna5-Arg-TCT              CGAGU------------------CCCACC-----GGGCGUG 73
chr-10.trna57-Arg-TCT            CGAGU------------------CCCACC-----GAGCGUG 73
chr-1.trna40-Arg-CCG             CGAGU------------------CCCACC-----GUGAUCG 73
chr-6.trna8-Arg-CCG              CGAGU------------------CCCACC-----GUGAACG 73
chr-9.trna19-Arg-ACG             CGAUC------------------CCCAGC-----AGAGUCG 73
chr-8.trna39-Arg-ACG             CGAUC------------------CCCAGC-----AGAGUCG 73
chr-8.trna3-Arg-ACG              CGAUC------------------CCCAGC-----AGAGUCG 73
chr-9.trna22-Arg-ACG             CGAUC------------------CCCAGC-----AGAGUCG 73
chr-10.trna10-Arg-ACG            CGAUC------------------CCCAGC-----AGAGUCG 73
chr-4.trna8-Arg-ACG              CGAUC------------------CCCAGU-----GAAGUCG 73
chr-4.trna39-Arg-ACG             CGAUC------------------CCCAGU-----UGAGUCG 73
chr-8.trna35-Arg-CCT             CGACC------------------CCUACC-----UGGCGCG 73
chr-1.trna2-Arg-CCT              CGACC------------------CCUACC-----UGGCGCG 73
chr-6.trna32-Arg-CCT             CGACC------------------CCUACC-----UGGCGCG 73
chr-4.trna14-Arg-CCT             CGACC------------------CCUACC-----UGGCGCG 73
chr-2.trna92-Arg-CCT             CGACC------------------CCUAUC-----UGGCGCG 73
chr-10.trna19-Arg-CCT            CGACC------------------CCUACC-----UGGCGCG 73
chr-2.trna93-Arg-CCT             CGACC------------------CCUAUC-----UGGCGCG 73
chr-2.trna1-Arg-CCT              CGACC------------------CCUAUC-----UGGCGCG 73
chr-8.trna42-Arg-ACG             CGAAU------------------CCCUCC----UCCUGUCA 79
chr-8.trna37-Arg-CCG             CGAAU------------------CUCAAC-----AACCACA 64
chr-1.trna44-Arg-ACG             CGAACUGGCCAAAAAAGGAAGGACCCUUCCCUUUAGGGGUA 95
                                 .........70........80........90..........
```