```
                        (((((((.....(((.........)))).(((((.......)))))).....(((((
chr-3.trna42-Arg-TCT    GCGCCCA----U-GGCCU-AAUGGA-UAAGGCUCUUGACUUCUAAUCAAGCGAUUGUGGG 53
chr-2.trna62-Arg-TCT    GCGCCCG----U-GGCCU-AAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGG 53
chr-6.trna34-Arg-TCT    GCGCCCG----U-GGCCU-AAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGG 53
chr-6.trna40-Arg-TCT    GCGCCCG----U-GGCCU-AAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGG 53
chr-1.trna119-Arg-TCT   GCGCCCA----U-GGCCU-AAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGG 53
chr-3.trna56-Arg-TCT    GCGCCCA----U-GGCCU-AAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGG 53
chr-5.trna9-Arg-TCT     GCGCCCA----U-GGCCU-AAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGG 53
chr-6.trna2-Arg-TCT     GCGCCCA----U-GGCCU-AAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGG 53
chr-6.trna55-Arg-TCT    GCGCCCA----U-GGCCU-AAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGG 53
chr-1.trna55-Arg-CCG    GUUCGCG----U-GGCCU-AAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGG 53
chr-4.trna2-Arg-CCG     GAUCGUG----U-GGCCU-AAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGG 53
chr-1.trna5-Arg-TCG     GACCGCA----U-AGCGC-AGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGG 54
chr-8.trna17-Arg-TCG    GACCGCA----U-AGCGC-AGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGG 54
chr-1.trna40-Arg-TCG    GACCGCA----U-AGCGC-AGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGG 54
chr-2.trna18-Arg-TCG    GACCGCA----U-AGCGC-AGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGG 54
chr-1.trna27-Arg-CCT    GCGCCUG----U-AGCUC-AGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGG 53
chr-1.trna43-Arg-CCT    GCGCCUG----U-AGCUC-AGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGG 53
chr-6.trna33-Arg-CCT    GCGCCUG----U-AGCUC-AGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGG 53
chr-1.trna75-Arg-CCT    GCGCCUG----U-AGCUC-AGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGG 53
chr-5.trna22-Arg-CCT    GCGCCUG----U-AGCUC-AGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGG 53
chr-2.trna61-Arg-CCT    GCGCCUG----U-AGCUC-AGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGG 53
chr-5.trna6-Arg-CCT     GCGCCUG----U-AGCUC-AGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGG 53
chr-3.trna50-Arg-CCT    GCGCCUG----U-AGCUC-AGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGG 53
chr-6.trna39-Arg-CCT    GCGCCUG----U-AGCUC-AGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGG 53
chr-1.trna28-Arg-CCG    GGUCACA----U-AGCGG-AGUGGA-UACCGCGUUAGACUCCGAAUCUAAAGGUCGUGGG 53
chr-1.trna104-Arg-CCG   GGUCACA----U-AGCGG-AGUGGA-UACCGCGUUAGACUCCGAAUCUAAAGGUCGUGGG 53
chr-2.trna87-Arg-ACG    GACUCCA----U-GGCCU-AAUGGA-UAAGGCGCCGGUCUACGAAACCGGAGAUUCUGGG 53
chr-7.trna16-Arg-ACG    GACUCCG----U-GGCCC-AAUGGA-UAAGGCGCUGGUCUACGAAACCAGAGAUUCUGGG 53
chr-7.trna9-Arg-ACG     GACUCCG----U-GGCCC-AAUGGA-UAAGGCGCUGGUCUACGAAACCAGAGAUUCUGGG 53
chr-2.trna23-Arg-ACG    GACUCCG----U-GGCCC-AAUGGA-UAAGGCGCUGGUCUACGAAACCAGAGAUUCUGGG 53
chr-3.trna10-Arg-ACG    GACUCUA----U-GGCCC-AAUGGA-UAAGGCGCUGGUCUACGAAACCAGAGAUUCUGGG 53
chr-5.trna4-Arg-ACG     GACUCCA----U-GGCCC-AAUGGA-UAAGGCGCUGGUCUACGAAACCAGAGAUUCUGGG 53
chr-9.trna9-Arg-ACG     GACUCCA----U-GGCCC-AAUGGA-UAAGGCGCUGGUCUACGAAACCAGAGAUUCUGGG 53
chr-4.trna27-Arg-ACG    GAUUCCA----U-GGCCC-AAUGGA-UAAGGCGCUGGUCUACGAAACCAGAGAUUCUGGG 53
chr-7.trna2-Arg-ACG     GAUUCCA----U-GGCCC-AAUGGA-UAAGGCGCUGGUCUACGAAACCAGAGAUUCUGGG 53
chr-8.trna11-Arg-GCG    GGAUCCA----UAAGCUCAAAAAUGGGAGAGCGCUCAAUUGCGGUUUGAGA--UUGGUGG 54
chr-7.trna21-Arg-ACG    GGGUGUGGCAUGUAGCUC-AGAAGAUUAGAGCACGUGGCUACGAACCACAGUGUCGGGGG 59
                        .........10.........20.........30.........40.........50.....
                        .......))))))))))))).
chr-3.trna42-Arg-TCT    UUCGAGUCCCACUGGGCGUG 73
chr-2.trna62-Arg-TCT    UUCGAGUCCCACCGGGCGUG 73
chr-6.trna34-Arg-TCT    UUCGAGUCCCACCGGGCGUG 73
chr-6.trna40-Arg-TCT    UUCGAGUCCCACCGGGCGUG 73
chr-1.trna119-Arg-TCT   UUCGAGUCCCACUGGGCGUG 73
chr-3.trna56-Arg-TCT    UUCGAGUCCCACUGGGCGUG 73
chr-5.trna9-Arg-TCT     UUCGAGUCCCACUGGGCGUG 73
chr-6.trna2-Arg-TCT     UUCGAGUCCCACUGGGCGUG 73
chr-6.trna55-Arg-TCT    UUCGAGUCCCACUGGGCGUG 73
chr-1.trna55-Arg-CCG    UUCGAGUCCCACCGUGAACG 73
chr-4.trna2-Arg-CCG     UUCGAGUCCCAUCACGAUCG 73
chr-1.trna5-Arg-TCG     UUCGACUCCCACUGUGGUCG 74
chr-8.trna17-Arg-TCG    UUCGACUCCCACUGUGGUCG 74
chr-1.trna40-Arg-TCG    UUCGACUCCCACUGUGGUCG 74
chr-2.trna18-Arg-TCG    UUCGACUCCCACUGUGGUCG 74
chr-1.trna27-Arg-CCT    UUCGACCCCUACCUGGCGCG 73
chr-1.trna43-Arg-CCT    UUCGACCCCUACCUGGCGCG 73
chr-6.trna33-Arg-CCT    UUCGACCCCUACCUGGCGCG 73
chr-1.trna75-Arg-CCT    UUCGACCCCUACCUGGCGCG 73
chr-5.trna22-Arg-CCT    UUCGACCCCUACCUGGCGCG 73
chr-2.trna61-Arg-CCT    UUCGACCCCUACCUGGCGCG 73
chr-5.trna6-Arg-CCT     UUCGACCCCUACCUGGCGCG 73
chr-3.trna50-Arg-CCT    UUCGACCCCUACCUGGCGCG 73
chr-6.trna39-Arg-CCT    UUCGACCCCUACCUGGCGCG 73
chr-1.trna28-Arg-CCG    UUCAACUCCCACUGUGAUCA 73
chr-1.trna104-Arg-CCG   UUCAACUCCCACUGUGAUCA 73
chr-2.trna87-Arg-ACG    UUCGAUCCCCAGUGGAGUCG 73
chr-7.trna16-Arg-ACG    UUCGAUCCCCAGCGGAGUCG 73
chr-7.trna9-Arg-ACG     UUCGAUCCCCAGCGGAGUCG 73
chr-2.trna23-Arg-ACG    UUCGAUCCCCAGCGGAGUCG 73
chr-3.trna10-Arg-ACG    UUCGAUCCCCAGUGGAGUCG 73
chr-5.trna4-Arg-ACG     UUCGAUCCCCAGUGGAGUCG 73
chr-9.trna9-Arg-ACG     UUCGAUCCCCAGUGGAGUCG 73
chr-4.trna27-Arg-ACG    UUCGAUCCCCAGUGGAGUCG 73
chr-7.trna2-Arg-ACG     UUCGAUCCCCAGUGGAGUCG 73
chr-8.trna11-Arg-GCG    UUCGAUUCCGCCUGGGUCCC 74
chr-7.trna21-Arg-ACG    UUCGAAUCCCUCCUCACCCA 79
                        .........70.........
```