```
                                 (((((((..((((........)))).((((((....).)))))).....(((((.....
chr-3.trna70-Arg-CCT    GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGCCGUAGGUUCGAC 59
chr-9.trna26-Arg-CCT    GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGCCGUAGGUUCGAC 59
chr-8.trna39-Arg-CCT    GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGCCGUAGGUUCGAC 59
chr-8.trna38-Arg-CCT    GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGCCGUAGGUUCGAC 59
chr-8.trna40-Arg-CCT    GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGCCGUAGGUUCGAC 59
chr-3.trna58-Arg-CCT    GCGCUUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGCCGUAGGUUCGAC 59
chr-9.trna66-Arg-CCT    GCGCUUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCGUAGGUUCGAC 59
chr-9.trna23-Arg-CCT    GCGCCUGUAGCUCAGUGGA-UAGAGCGUUUGUUUCCUAAACAAAAAGUCGAAGGUUCGAA 59
chr-5.trna36-Arg-CCG    GGUCAUAUAGCGAAGUGGA-UAUCGCGUUAGAUUCCGAAUCUAAAAGUCGUGGGUUCGAA 59
chr-2.trna38-Arg-TCG    GACCGCAUAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGGUUCGAC 60
chr-3.trna3-Arg-TCG     GACCGCAUAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGGUUCGAC 60
chr-5.trna47-Arg-TCG    GACCGCAUAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGGUUCGAC 60
chr-7.trna27-Arg-TCG    GACCGCAUAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGGUUCGAC 60
chr-9.trna68-Arg-TCG    GACCGCAUAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGAGUUCGAC 60
chr-7.trna52-Arg-TCT    GCGCCUGUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGACGAUUGUGGGUUCGAG 59
chr-8.trna9-Arg-TCT     GCGCCUGUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGACGAUUGUGGGUUCGAG 59
chr-6.trna3-Arg-TCT     GCGCCCAUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUUCGAG 59
chr-2.trna25-Arg-TCT    GCGCCCAUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUUCGAG 59
chr-6.trna42-Arg-TCT    GCGCUCGUGGCCUAAUGGA-UAAGGCAUUUGACUUCUAAUCAAAGGAUUGUGGGUUCGAG 59
chr-2.trna69-Arg-CCG    GACCGCGUGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGGUUCGAG 59
chr-4.trna25-Arg-CCG    GGUCGCGUGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGGUUCGAG 59
chr-7.trna13-Arg-CCG    GGUCGCGUGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGGUUCGAG 59
chr-7.trna61-Arg-CCG    GACCGCGUGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGGUUCGAG 59
chr-6.trna39-Arg-CCG    GACCGCGUGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGGUUCGAG 59
chr-5.trna80-Arg-ACG    GACUCUAUGGCCAAAUGGA-UAAGGCGCUGGUCUACGGAACUAGAGAUUCUAGGUUCGAU 59
chr-9.trna36-Arg-ACG    GAUUCCAUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-3.trna18-Arg-ACG    GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-3.trna56-Arg-ACG    GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-5.trna24-Arg-ACG    GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-9.trna62-Arg-ACG    GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-5.trna31-Arg-ACG    GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-7.trna81-Arg-ACG    GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-7.trna8-Arg-ACG     GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-5.trna3-Arg-ACG     GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
                        .........10.........20.........30.........40.........50.........
                                 ...))))))))))))).
chr-3.trna70-Arg-CCT    --CCCUACCUGGCGCG 73
chr-9.trna26-Arg-CCT    --CCCUACCUGGCGCG 73
chr-8.trna39-Arg-CCT    --CCCUACCUGGCGCG 73
chr-8.trna38-Arg-CCT    --CCCUACCUGGCGCG 73
chr-8.trna40-Arg-CCT    --CCCUACCUGGCGCG 73
chr-3.trna58-Arg-CCT    --CCCUACCUGGCGCG 73
chr-9.trna66-Arg-CCT    --CCCUACCUGGCGCG 73
chr-9.trna23-Arg-CCT    --CCCUUCCUGGCGCA 73
chr-5.trna36-Arg-CCG    --UCCCACUAUGAUCA 73
chr-2.trna38-Arg-TCG    --UCCCACUGUGGUCG 74
chr-3.trna3-Arg-TCG     --UCCCACUGUGGUCG 74
chr-5.trna47-Arg-TCG    --UCCCACUGUGGUCG 74
chr-7.trna27-Arg-TCG    --UCCCACUGUGGUCG 74
chr-9.trna68-Arg-TCG    --UCUCACUGUGGUCG 74
chr-7.trna52-Arg-TCT    --UCCCACCAGGCGUG 73
chr-8.trna9-Arg-TCT     --UCCCACCAGGCGUG 73
chr-6.trna3-Arg-TCT     --UCCCACUGGGCGUG 73
chr-2.trna25-Arg-TCT    --UCCCACUGGGCGUG 73
chr-6.trna42-Arg-TCT    --UCCCACCGAGCGUG 73
chr-2.trna69-Arg-CCG    --UCCCAUCGUGGUCG 73
chr-4.trna25-Arg-CCG    --UCCCACCGUGAUCG 73
chr-7.trna13-Arg-CCG    --UCCCACCGUGAUCG 73
chr-7.trna61-Arg-CCG    --UCCCAUCGUGGUCG 73
chr-6.trna39-Arg-CCG    --UCCCAUCGUGGUCG 73
chr-5.trna80-Arg-ACG    --CCCCACUGGAGUCG 73
chr-9.trna36-Arg-ACG    --CCCCAGUGGAAUCG 73
chr-3.trna18-Arg-ACG    --CCCCAGCGGAGUCG 73
chr-3.trna56-Arg-ACG    --CCCCAGCGGAGUCG 73
chr-5.trna24-Arg-ACG    --CCCCAGCGGAGUCG 73
chr-9.trna62-Arg-ACG    --CCCCAGCGGAGUCG 73
chr-5.trna31-Arg-ACG    --CCCCAGCGGAGUCG 73
chr-7.trna81-Arg-ACG    --CCCCAGCGGAGUCG 73
chr-7.trna8-Arg-ACG     --CCCCAGCGGAGUCG 73
chr-5.trna3-Arg-ACG     CCCCCCAGCGGAGUCG 75
                        .........70.....
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