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                        (((((((..((((.........)))).(((((.......)))))).....(((((.......
chr-1.trna40-Arg-TCG    GACCGCAUAGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGGUUCGAC 60
chr-5.trna33-Arg-TCG    GACCGCGUAGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGGUUCGAC 60
chr-6.trna47-Arg-TCG    GACCGCAUAGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGGUUCGAC 60
chr-6.trna15-Arg-TCG    GACCGCAUAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGGUUCGAC 60
chr-11.trna3-Arg-CCG    GAUCGCGUGGCCUAAUGGA-UAAGGCGCCUCGCCUCCGGAGCGGGAGAUUGUGGGUUCGAG 59
chr-5.trna7-Arg-CCG     GUUCGCGUGGCCUAAUGGA-UAAGGCGCCUCGCCUCCGGAGCGGGAGAUUGUGGGUUCGAG 59
chr-9.trna58-Arg-CCG    GGUCGCGUGGCCUAAUGGA-UAAGGCGCCUCGCCUCCGGAGCGGGAGAUUGUGGGUUCGAG 59
chr-12.trna37-Arg-TCT   GCGCCCGUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUUCGAG 59
chr-10.trna35-Arg-TCT   GCGCCCGUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUUCGAG 59
chr-1.trna13-Arg-TCT    GCGCCCAUGGCCUAAUGGA-UAAGGCGCCUGACUUCUAAUCAAGCGAUUGUGGGUUCGAG 59
chr-12.trna49-Arg-TCT   GCGCCCAUGGCCUAAUGGA-UAAGGCGCCUGACUUCUAAUCAAGCGAUUGUGGGUUCGAG 59
chr-7.trna38-Arg-TCT    GCGCCCAUGGCCUAAUGGA-UAAGGCGCCUGACUUCUAAUCAAGCGAUUGUGGGUUCGAG 59
chr-2.trna74-Arg-ACG    GAUUCCAUGGCCCAAUGGA-UAAGGCGCCUACGAAACCAGAGAUUCUGGGUUCGAU 59
chr-7.trna16-Arg-ACG    GACUCUGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGAAACCAGAGAUUCUGGGUUCGAU 59
chr-10.trna18-Arg-ACG   GACUCUGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGAAACCAGAGAUUCUGGGUUCGAU 59
chr-12.trna31-Arg-ACG   GACUCUGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGAAACCAGAGAUUCUGGGUUCGAU 59
chr-2.trna3-Arg-ACG     GACUUUGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGAAACCAGAGAUUCUGGGUUCGAU 59
chr-10.trna37-Arg-CCT   GUGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUUGUAGGUUCGAC 59
chr-12.trna41-Arg-CCT   GCGCUUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCGUAGGUUCGAC 59
chr-2.trna13-Arg-CCT    GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGGUUCGAC 59
chr-2.trna43-Arg-CCT    GCGUCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGGUUCGAC 59
chr-4.trna6-Arg-CCT     GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGGUUCGAC 59
chr-7.trna24-Arg-CCT    GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCGUAGGUUCGAA 59
chr-2.trna34-Arg-CCT    GCGCCUGUAGCUCAGUGGA-UAGAGCGCCUGCUUCCUAAGCUGAAGGUCGUAGGUUCGAC 59
chr-1.trna11-Arg-CCT    GCGUCUGUAGCUCAGUGGA-UAGAGCGCCUGUUUCCUAAGCUGAAGGUCGUAGGUUCGAC 59
chr-7.trna48-Arg-CCT    GCGCCUGUAGCUUAGUGGA-UAGAGCGCCUGUUUCCUAAGCUGAAGGUCGUAGGUUCGAC 59
chr-9.trna51-Arg-CCT    GCGCUUGUAGCUCAGUGGA-UAGGGCGUCUGUUUCCUAAGCUGAAGGACGUAGGUUCGAC 59
chr-6.trna35-Arg-CCT    GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUAUUUCCUAAGCAGAAGGUCGUAGGUUUAAC 59
chr-6.trna5-Arg-CCT     GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGUAGAAAGUCAUAGGUUCGAC 59
chr-2.trna82-Arg-CCT    GCGCCUGUAGCUCAGUGGA-UAGAGCGCCUAUUUCCUAAGUUGAAGGUCGUAGGUUCGAC 59
chr-11.trna43-Arg-ACG   GGGCCUGUAGCUCAGAGGAUUAGAGCACGUGGCUACGAACCACG-GUGCGGGGGUUCGAA 59
chr-6.trna32-Arg-TCT    GCAUCCAUUGUCUAAUGGA-UAGGACAGAGGUCUUCUAAACCUUUGGU-AUAGGUUCAAA 58
chr-7.trna65-Arg-TCT    GCAUUUAUUGGCUAAUGGA-CAGGACAGAGGUCUUCUAAACCUUUGGU-AUAGGUUCAAA 58
chr-7.trna66-Arg-TCT    UGAUUUCUUGUCUAAUGGA-UAGGACAGAGGUCUUCUAAAUCUUUGGU-AUAGGUUCAAA 58
                        .........10........20........30........40........50.........

                        .)))))).)))))..)).
chr-1.trna40-Arg-TCG    UCCCACU-GUGG-UCG 74
chr-5.trna33-Arg-TCG    UCCCACC-GUGG-UCG 74
chr-6.trna47-Arg-TCG    UCCCACU-GCGG-UCG 74
chr-6.trna15-Arg-TCG    UCCCACU-GUGG-UCG 74
chr-11.trna3-Arg-CCG    UCCCAUU-GCGA-UCG 73
chr-5.trna7-Arg-CCG     UCCCACC-GUGA-ACG 73
chr-9.trna58-Arg-CCG    UCCCACC-GUGA-UCG 73
chr-12.trna37-Arg-TCT   UCCCACC-GGGC-GUG 73
chr-10.trna35-Arg-TCT   UCCCACC-GGGC-GUG 73
chr-1.trna13-Arg-TCT    UCCCACU-GGGC-GUG 73
chr-12.trna49-Arg-TCT   UCCCACU-GGGC-GUG 73
chr-7.trna38-Arg-TCT    UCCCACU-GGGC-GUG 73
chr-2.trna74-Arg-ACG    CCCCAGU-GGAA-UCG 73
chr-7.trna16-Arg-ACG    CCCCAGC-AGAG-UCG 73
chr-10.trna18-Arg-ACG   CCCCAGC-AGAG-UCG 73
chr-12.trna31-Arg-ACG   CCCCAGC-AGAG-UCG 73
chr-2.trna3-Arg-ACG     CCCCAGC-AGAG-UCG 73
chr-10.trna37-Arg-CCT   CCCUACC-UGGC-GUG 73
chr-12.trna41-Arg-CCT   CCCUACC-UGGC-GCG 73
chr-2.trna13-Arg-CCT    CCCUACC-UGGC-GCG 73
chr-2.trna43-Arg-CCT    CCCUACC-UGAC-GCG 73
chr-4.trna6-Arg-CCT     CCCUACC-UGGC-GCG 73
chr-7.trna24-Arg-CCT    CCCUACC-UGGC-GCG 73
chr-2.trna34-Arg-CCT    CCCUACC-UGGC-GCG 73
chr-1.trna11-Arg-CCT    CCCUGCC-UGGC-GCG 73
chr-7.trna48-Arg-CCT    CACUACC-UGGC-GCG 73
chr-9.trna51-Arg-CCT    CCCUACC-UAGC-GCG 73
chr-6.trna35-Arg-CCT    CCCUACC-UGGC-GCG 73
chr-6.trna5-Arg-CCT     CACUACC-UGGC-GCG 73
chr-2.trna82-Arg-CCT    CCCUGCCUUGGC-GCU 74
chr-11.trna43-Arg-ACG   UCCCUCC-UCGC-CCA 73
chr-6.trna32-Arg-TCT    UCCUAUU-GGAC-GCA 72
chr-7.trna65-Arg-TCT    UCCUAUU-GGAU-GCA 72
chr-7.trna66-Arg-TCT    UCCUAUU-AGAUGCAA 73
                        .........70.....

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