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                         (((((((..((((.........)))).(((((.......)))))).....(((((.......
chr-5.trna88-Arg-CCG     GGUCGCAUAGCGGAGUGGA-UAUCGCAUUAGAUUCCGAAUCUAAAGGUCGUGGGUUCAAA 59
chr-5.trna71-Arg-TCG     GACCGCAUAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGGUUCGAC 60
chr-5.trna72-Arg-TCG     GACCGCAUAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGGUUCGAC 60
chr-6.trna28-Arg-TCG     GACCGCAUAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGGUUCGAC 60
chr-6.trna70-Arg-TCG     GACCGCAUAGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGGUUCGAC 60
chr-1.trna26-Arg-TCG     GACCGCAUAGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGGUUCGAC 60
chr-3.trna97-Arg-TCG     GACCGCAUAGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGGUUCGAC 60
chr-3.trna94-Arg-TCG     GACCGCAUAGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGGUUCGAC 60
chr-5.trna92-Arg-TCG     GACCGCAUAGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGGUUCGAC 60
chr-2.trna17-Arg-TCG     GACCGCAUAGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGGUUCGAC 60
chr-2.trna13-Arg-TCT     GCGCCCAUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUUCGAA 59
chr-3.trna45-Arg-TCT     GCGCUCGUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGACGAUUGUGGGUUCGAG 59
chr-7.trna25-Arg-TCT     GCGCCCGUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUUCGAG 59
chr-7.trna27-Arg-TCT     GCGCUCGUGGCCUAAUGGA-UAAGGCGCCUGACUUCUAAUCAGGCGAUUGUGGGUUCGAG 59
chr-2.trna65-Arg-TCT     GCGCCCAUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUUCGAG 59
chr-3.trna109-Arg-TCT    GCGCCCAUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUUCGAG 59
chr-5.trna57-Arg-TCT     GCGCCCAUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUUCGAG 59
chr-7.trna59-Arg-TCT     GCGCCCAUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUUCGAG 59
chr-7.trna38-Arg-TCT     GCGCCCAUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUUCGAG 59
chr-7.trna47-Arg-TCT     GCGCCUGUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGACGAUUGUGGGUUCGAG 59
chr-3.trna20-Arg-TCT     GCGCCCAUGGCCUAAUGGA-UAAGGCGUCUGACUUCUCAUCAGGCGAUUGUGGGUUCGAG 59
chr-1.trna50-Arg-CCG     GUUCGCGUGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGGUUCGAG 59
chr-2.trna4-Arg-CCG      GUUCGCGUGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGGUUCGAG 59
chr-2.trna82-Arg-CCG     GUUCGCGUGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGGUUCGAG 59
chr-1.trna33-Arg-ACG     GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-1.trna34-Arg-ACG     GACUCUGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-7.trna54-Arg-ACG     GACUCUGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-7.trna55-Arg-ACG     GACUCCAUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-3.trna41-Arg-ACG     GACUCCAUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-4.trna13-Arg-ACG     GACUCCAUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-7.trna53-Arg-ACG     GACUCCAUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-5.trna67-Arg-ACG     GACUCCAUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-5.trna86-Arg-CCT     GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGCCGUAGGUUCGAC 59
chr-4.trna38-Arg-CCT     GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGGUUCGAC 59
chr-5.trna99-Arg-CCT     GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGGUUCGAC 59
chr-7.trna65-Arg-CCT     GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGGUUCGAC 59
chr-6.trna15-Arg-CCT     GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGGUUCGAC 59
chr-3.trna54-Arg-CCT     GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGGUUCGAC 59
chr-3.trna18-Arg-CCT     GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUCUGUUCGAC 59
                         .........10........20........30........40........50.........

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chr-5.trna88-Arg-CCG     UCCCACUGUGCGAUCA 73
chr-5.trna71-Arg-TCG     UCCCACUGUGGGUCG 74
chr-5.trna72-Arg-TCG     UCCCACUGUGGGUCG 74
chr-6.trna28-Arg-TCG     UCCCACUGUGGGUCA 74
chr-6.trna70-Arg-TCG     UCCCACUGUGGGUCG 74
chr-1.trna26-Arg-TCG     UCCCACUGUGGGUCG 74
chr-3.trna97-Arg-TCG     UCCCACUGUGGGUCG 74
chr-3.trna94-Arg-TCG     UCCCACUGUGGGUCG 74
chr-5.trna92-Arg-TCG     UCCCACUGUGGGUCG 74
chr-2.trna17-Arg-TCG     UCCCACUGUGGGUUG 74
chr-2.trna13-Arg-TCT     UCCCACUGUGGCGUG 73
chr-3.trna45-Arg-TCT     UCCCACCGAGCGUG 73
chr-7.trna25-Arg-TCT     UCCCACCGUGCGUG 73
chr-7.trna27-Arg-TCT     UCCCACCGUGCGUG 73
chr-2.trna65-Arg-TCT     UCCCACUGUGCGUG 73
chr-3.trna109-Arg-TCT    UCCCACUGUGCGUG 73
chr-5.trna57-Arg-TCT     UCCCACUGUGCGUG 73
chr-7.trna59-Arg-TCT     UCCCACUGUGCGUG 73
chr-7.trna38-Arg-TCT     UCCCACUGUGCGUG 73
chr-7.trna47-Arg-TCT     UCCCAUCAGGCGUG 73
chr-3.trna20-Arg-TCT     UCCCACUGUGCGUG 73
chr-1.trna50-Arg-CCG     UCCCAUGGCGAACG 73
chr-2.trna4-Arg-CCG      UCCCAUCGUGAACG 73
chr-2.trna82-Arg-CCG     UCCCAUCGUGAACG 73
chr-1.trna33-Arg-ACG     CCCCAGCGGAGUCG 73
chr-1.trna34-Arg-ACG     CCCCAGCAGAGUCG 73
chr-7.trna54-Arg-ACG     CCCCAGCAGAGUCG 73
chr-7.trna55-Arg-ACG     CCCCAGUGGAGUCG 73
chr-3.trna41-Arg-ACG     CCCCAGUGGAGUCG 73
chr-4.trna13-Arg-ACG     CCCCAGUGGAGUCG 73
chr-7.trna53-Arg-ACG     CCCCAGUGAAGUCG 73
chr-5.trna67-Arg-ACG     CCCCAGUGGAGUCG 73
chr-5.trna86-Arg-CCT     CCCUACCUGGCGCG 73
chr-4.trna38-Arg-CCT     CCCUACCUGGCGCG 73
chr-5.trna99-Arg-CCT     CCCUACCUGGCGCG 73
chr-7.trna65-Arg-CCT     CCCUACCUGGCGCG 73
chr-6.trna15-Arg-CCT     CCCUACCUGGCGCG 73
chr-3.trna54-Arg-CCT     CCCUAUCUGGCGCG 73
chr-3.trna18-Arg-CCT     CCCUACCUGGCGCG 73
                         .........70...

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