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                                (((((.((.(((.(((.....)).)))((((.....))))((((((...)))))))(( 
chr-1.trna26-Ser-AGA     GUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-5.trna58-Ser-AGA     GUGGG-UGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-2.trna12-Ser-AGA     GUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-8.trna18-Ser-AGA     GUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-8.trna21-Ser-AGA     GUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-4.trna102-Ser-AGA    GUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-4.trna99-Ser-AGA     GUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-4.trna96-Ser-AGA     GUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-2.trna14-Ser-AGA     GUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-4.trna90-Ser-AGA     GUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-4.trna87-Ser-AGA     GUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-2.trna27-Ser-AGA     GUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-3.trna4-Ser-AGA      GUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-4.trna74-Ser-AGA     GUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-2.trna44-Ser-AGA     GUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-2.trna50-Ser-AGA     GUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-2.trna47-Ser-AGA     GUGGA-CGUGCCGGAGUUGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-2.trna53-Ser-AGA     GUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACCAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-4.trna93-Ser-AGA     AUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-4.trna85-Ser-AGA     GUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-1.trna108-Ser-AGA    GUGGA-CGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGUCUUAGGCCGCGC 59
chr-2.trna59-Ser-AGA     GUGGA-CGUGCCAGAAUGGUUAUCGGGCAUGACUAGAAAUCAAGUGGGCUUUGCCCGCGC 59
chr-4.trna79-Ser-AGA     GUGGA-CGUGCCGGAGUGGUUAUCGGGCCUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 59
chr-4.trna82-Ser-AGA     GAGAAGUGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGC 60
chr-1.trna106-Ser-AGA    GUGGA-UGUGCCAGAGUGGUUAUUGGGCGCGACUAGAAAUCAUGUGGGGUUCCCC-CGCGC 58
chr-1.trna107-Ser-AGA    GUGGA-CGUGCCAGAGUUGUUAAUGGGAUUGACUAGAAAUCGAUUGGGGUGUCCCCGCGC 59
chr-4.trna36-Ser-AGA     GUGGA-CGUGCCAGAGUGGUUAUUCGGUGCGACUAGAAAUCGUAUCGGAUAU-CCCGCGC 58
                         .........10........20........30........40........50.........

                         (((.......)))))))))))).
chr-1.trna26-Ser-AGA     AGGUUCGAAUCCUGCCGUUCACG 82
chr-5.trna58-Ser-AGA     AGGUUCGAAUCCUGCCGCUCACG 82
chr-2.trna12-Ser-AGA     AGGUUCGAAUCCUGCCGUUCACG 82
chr-8.trna18-Ser-AGA     AGGUUCGAAUCCUGCCGUUCACG 82
chr-8.trna21-Ser-AGA     AGGUUCGAAUCCUGCCGUUCACG 82
chr-4.trna102-Ser-AGA    AGGUUCGAAUCCUGCCGUUCACG 82
chr-4.trna99-Ser-AGA     AGGUUCGAAUCCUGCCGUUCACG 82
chr-4.trna96-Ser-AGA     AGGUUCGAAUCCUGCCGUUCACG 82
chr-2.trna14-Ser-AGA     AGGUUCGAAUCCUGCCGUUCACG 82
chr-4.trna90-Ser-AGA     AGGUUCGAAUCCUGCCGUUCACG 82
chr-4.trna87-Ser-AGA     AGGUUCGAAUCCUGCCGUUCACG 82
chr-2.trna27-Ser-AGA     AGGUUCGAAUCCUGCCGUUCACG 82
chr-3.trna4-Ser-AGA      AGGUUCGAAUCCUGCCGUUCACG 82
chr-4.trna74-Ser-AGA     AGGUUCGAAUCCUGCCGUUCACG 82
chr-2.trna44-Ser-AGA     AGGUUCGAAUCCUGUCGUUCACG 82
chr-2.trna50-Ser-AGA     AGGUUUGAAUCCUGCCGUUCACG 82
chr-2.trna47-Ser-AGA     AGGUUCGAAUCCUGCCGUUCACG 82
chr-2.trna53-Ser-AGA     AGGUUUGAAUCCUGCCGUUCACG 82
chr-4.trna93-Ser-AGA     AGGUUCGAAUCCUGCCGUUCACG 82
chr-4.trna85-Ser-AGA     AGGUUCGAAUCCUGCCAUUCACG 82
chr-1.trna108-Ser-AGA    AGGUUCGUAUCCUGCCGUUCACG 82
chr-2.trna59-Ser-AGA     AGGUUCGAAUCCUGCUGUUCACG 82
chr-4.trna79-Ser-AGA     AUGUUCGAAUCCUGCUGUUCACG 82
chr-4.trna82-Ser-AGA     AGGUUCGAAUCCUGCCGUUCACG 83
chr-1.trna106-Ser-AGA    AGGUUCGAAUCCUGUGGUCCACG 81
chr-1.trna107-Ser-AGA    ACGUUCGACUCCUGUCGUCCACG 82
chr-4.trna36-Ser-AGA     AGGUUCGAAUCCUGUCGUCCACG 81
                         .........70........80..
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