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                                (((((.(((((((........)))).(((((((...)))))))...((((........))
chr-11.trna52-Arg-CCT    GCGUCUGUAGCUCAGUGGAUAGAGCUUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCA 57
chr-01.trna135-Arg-CCT   GCGUUUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-09.trna38-Arg-CCT    GCGUUUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-02.trna193-Arg-CCT   GCGUUUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-02.trna225-Arg-CCT   GUGUCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAACAGA-AAGUCGUAGGU--UCG 57
chr-04.trna154-Arg-CCT   GUGUUUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-13.trna134-Arg-CCT   GCGCCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-10.trna60-Arg-CCT    GCGCCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-15.trna35-Arg-CCT    GCGUCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-15.trna43-Arg-CCT    GCGUCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-15.trna94-Arg-CCT    GCGUCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-15.trna101-Arg-CCT   GCGUCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-15.trna102-Arg-CCT   GCGUCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-06.trna108-Arg-CCT   GCGCCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-05.trna137-Arg-CCT   GCGCCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-02.trna16-Arg-CCT    GCGUCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-04.trna151-Arg-CCT   GCGUCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-02.trna17-Arg-CCT    GCGUCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-02.trna19-Arg-CCT    GCGUCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-01.trna139-Arg-CCT   GCGUUUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-09.trna121-Arg-CCT   GCAUCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-13.trna137-Arg-CCT   GCGCCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AGGUCGUAGGU--UCG 57
chr-02.trna253-Arg-CCT   GCGCCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AGGUCGUAGGU--UCG 57
chr-02.trna18-Arg-CCT    GCGUCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UUG 57
chr-13.trna164-Arg-CCT   GUGCCUGUAGCUCAGUGGAUAGAGCGUUUGUUUCCUAAGCAAA-AAGUCAUAGGU--UCG 57
chr-02.trna194-Arg-CCT   GCGUUUGUAGCUCAGUGUAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUUGUAAGU--UCG 57
chr-04.trna150-Arg-CCT   GCGUCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAAGU--UCG 57
chr-09.trna122-Arg-CCT   GUGUCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUUGUAGGU--UCG 57
chr-01.trna136-Arg-CCT   GCGUUUGUAGCUCAGUGGAUAGAGUGUCUGUUUCCUAAGCAGA-AAGUUGUAGGU--UCG 57
chr-09.trna39-Arg-CCT    GCGUCUGUAGCUCAGUGGAUAGAGUGUCUGUUUCCUAAGCAGA-AAGUCGUUGGU--UCG 57
chr-15.trna36-Arg-CCT    GCGUAUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-01.trna141-Arg-CCT   GCAUUUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-05.trna138-Arg-CCT   GCGCUUGUAGCUCAGUGGAUAGAGUGUCUGUUUCCUAAGCAGA-AAGUCAUAGGU--UCG 57
chr-08.trna16-Arg-CCT    GCGCCUGUAGCUCAGUGGAUAGAGCGUUUGUUUCCUAAGCAAA-AAGUCAUAGGU--UUG 57
chr-01.trna140-Arg-CCT   GCGUUUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--U-G 56
chr-09.trna64-Arg-CCT    GCGUCUGUAGCUUAGUGGAUAGAGCGUCUGUUUCCUAAGCAGA-AAGUCGUAGGU--UCG 57
chr-06.trna228-Arg-CCT   GCGUCUAUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAAA-AAGUCGUAGGU--UCG 57
chr-08.trna15-Arg-CCT    ACGCCUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGCAAA-AAGUCAUAGGU--UUG 57
chr-08.trna101-Arg-CCT   GCGCUUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGUAGA-AAGUCGUAGGU--UCG 57
chr-08.trna100-Arg-CCT   GCGCUUGUAGC-CAGUGGAUAGAGCGUCUGUUUCCUAAGCAGAAAAGUCGUAGGU--UCG 57
chr-04.trna135-Arg-CCT   GUGCCUGUAGCUCAAUGGAUUGAGCGUUUGUUUCCUAAGCAGA-AAGUCAUAGGU--UCA 57
chr-02.trna195-Arg-CCT   GCGUUUGUAGCUCAGUGGAUAGAGCGUCUGUUUCCUAAGUAGA-AAGUCGUAGGUUCUCA 59
                         .........10........20........30........40........50.........

                         ))...))).)).....).
chr-11.trna52-Arg-CCT    ACCCCUACCUGACGCG 73
chr-01.trna135-Arg-CCT   ACCCCUACCUGACGCG 73
chr-09.trna38-Arg-CCT    ACCCCUACCUGACGCG 73
chr-02.trna193-Arg-CCT   ACCCCUACCUAACGCG 73
chr-02.trna225-Arg-CCT   ACCCCUACCUGACGCG 73
chr-04.trna154-Arg-CCT   ACCCCUACCUGACGCG 73
chr-13.trna134-Arg-CCT   ACCCCUACCUGGCGCG 73
chr-10.trna60-Arg-CCT    ACCCCUACCUGGCGCG 73
chr-15.trna35-Arg-CCT    ACCCCUACCUGACGCG 73
chr-15.trna43-Arg-CCT    ACCCCUACCUGACGCG 73
chr-15.trna94-Arg-CCT    ACCCCUACCUGACGCG 73
chr-15.trna101-Arg-CCT   ACCCCUACCUGAUGCG 73
chr-15.trna102-Arg-CCT   ACCCCUACCUGACGCG 73
chr-06.trna108-Arg-CCT   ACCCCUACCUGGCGCG 73
chr-05.trna137-Arg-CCT   ACCCCUACCUGGCGCG 73
chr-02.trna16-Arg-CCT    ACCCCUACCUGACGCG 73
chr-04.trna151-Arg-CCT   ACCCCUACCUGACGCG 73
chr-02.trna17-Arg-CCT    ACCCCUACCUGAUGCG 73
chr-02.trna19-Arg-CCT    ACCCCUACCUGACGCG 73
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chr-13.trna137-Arg-CCT   ACCCCUACCUGGCGCG 73
chr-02.trna253-Arg-CCT   ACCCCUACCUGGCGCG 73
chr-02.trna18-Arg-CCT    ACCCCUACCUGACGCG 73
chr-13.trna164-Arg-CCT   ACCCCUAUCUGGCGCG 73
chr-02.trna194-Arg-CCT   ACCCCUACCUGACGCG 73
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chr-09.trna39-Arg-CCT    ACCCCUACCUGAUGCG 73
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chr-01.trna141-Arg-CCT   ACCCCUGCCUGACGCG 73
chr-05.trna138-Arg-CCT   ACCUUUACCUGGCGCG 73
chr-08.trna16-Arg-CCT    ACCCCUAUCUGACGCG 73
chr-01.trna140-Arg-CCT   ACCCCUACCUGACGCG 72
chr-09.trna64-Arg-CCT    ACCCCUACCUGACGCG 73
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chr-08.trna101-Arg-CCT   ACCCCUACUUGGCGCA 73
chr-08.trna100-Arg-CCT   ACCCCUACCUGGCGCA 73
chr-04.trna135-Arg-CCT   ACCCCUAUUUGGUGUG 73
chr-02.trna195-Arg-CCT   ACCCCUACCAGACGUA 75
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