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                         ((((((((((((.(((((.....((....)))))))))))))))).....(((((.....
chr-7.trna18-Val-CAC     GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-7.trna4-Val-CAC      GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-1.trna115-Val-CAC    GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-3.trna51-Val-CAC     GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-3.trna38-Val-CAC     GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-6.trna18-Val-CAC     GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-6.trna48-Val-CAC     GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-6.trna50-Val-CAC     GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-6.trna13-Val-CAC     GUCUGGGUGGUGUAGUUGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-1.trna18-Val-AAC     GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-1.trna36-Val-AAC     GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-8.trna8-Val-AAC      GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-8.trna7-Val-AAC      GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-1.trna93-Val-AAC     GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-1.trna94-Val-AAC     GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-2.trna10-Val-AAC     GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-2.trna55-Val-AAC     GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-2.trna56-Val-AAC     GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-6.trna37-Val-AAC     GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-6.trna36-Val-AAC     GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-3.trna62-Val-AAC     GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-5.trna10-Val-AAC     GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-5.trna12-Val-AAC     GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-2.trna30-Val-AAC     GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-5.trna3-Val-TAC      GUUGCUGUGGUGUAGU-GGUUAUCACGUCAGUUUUACACACUGAAGGCCCCCAGUUCGAU 59
chr-2.trna3-Val-TAC      GUUGCUGUGGUGUAGU-GGUUAUCACGUCAGUCUUACACACUGCAGGUCCCCAGUUCGAU 59
chr-1.trna81-Val-TAC     GUUGCUGUGGUGUAGU-GGUUAUCACGUUAGUCUUACACACUAAAGGUCCCCAGUUCGAU 59
chr-3.trna78-Val-TAC     GUUGCUGUGGUGUAGU-GGUUAUCACGUUAGUCUUACACACUAAAGGUCCCCAGUUCGAU 59
chr-4.trna29-Val-TAC     GUUGCUGUGGUGUAGU-GGUUAUCACGUUAGUCUUACACACUAAAGGUCCCCAGUUCGAU 59
chr-7.trna13-Val-GAC     UGGGAUAUAACUCAGC--GGUAGAGUGUCGCCUUGACGUGGUGGAAGUCAUCAGUUCGAG 58
                         .........10........20........30........40........50.........

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chr-7.trna18-Val-CAC     CCCGGGCUCAG-ACA 74
chr-7.trna4-Val-CAC      CCCGGGCUCAG-ACA 74
chr-1.trna115-Val-CAC    CCCGGGCUCAG-ACA 74
chr-3.trna51-Val-CAC     CCCGGGCUCAG-ACA 74
chr-3.trna38-Val-CAC     CCCGGGCUCAG-ACA 74
chr-6.trna18-Val-CAC     CCCGGGCUCAG-ACA 74
chr-6.trna48-Val-CAC     CCCGGGCUCAG-ACA 74
chr-6.trna50-Val-CAC     CCCGGGCUCAG-ACA 74
chr-6.trna13-Val-CAC     CCCGGGCUCAG-ACA 74
chr-1.trna18-Val-AAC     UCCGGGCGACG-CCA 74
chr-1.trna36-Val-AAC     UCCGGGCGACG-CCA 74
chr-8.trna8-Val-AAC      UCCGGGCGACG-CCA 74
chr-8.trna7-Val-AAC      UCCGGGCGACG-CCA 74
chr-1.trna93-Val-AAC     UCCGGGCGAAG-CCA 74
chr-1.trna94-Val-AAC     UCCGGGCGAAG-CCA 74
chr-2.trna10-Val-AAC     UCCGGGCGACG-CCA 74
chr-2.trna55-Val-AAC     UCCGGGCGAAG-CCA 74
chr-2.trna56-Val-AAC     UCCGGGCGAAG-CCA 74
chr-6.trna37-Val-AAC     UCCGGGCGACG-CCA 74
chr-6.trna36-Val-AAC     UCCGGGCGACG-CCA 74
chr-3.trna62-Val-AAC     UCCGGGCGAAG-CCA 74
chr-5.trna10-Val-AAC     UCCGGGCGACG-CCA 74
chr-5.trna12-Val-AAC     UCCGGGCGACG-CCA 74
chr-2.trna30-Val-AAC     CCCGGGCGACG-CCA 74
chr-5.trna3-Val-TAC      CCUGGGCAGUA-GCA 73
chr-2.trna3-Val-TAC      CCUGGGCAGCA-ACA 73
chr-1.trna81-Val-TAC     CCUGGGCAGCA-ACA 73
chr-3.trna78-Val-TAC     CCUGGGCAGCA-ACA 73
chr-4.trna29-Val-TAC     CCUGGGCAGCA-ACA 73
chr-7.trna13-Val-GAC     CCUGAUUAUCCCUAA 73
                         .........70....
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