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                        (((((((..((((.........)))).(((((.((....)).)))))).....(((((...
chr-16.trna35-Thr-TGT   GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGU-CU-UGUAA-ACUGAAGGUCUGUAGUUC 55
chr-16.trna1-Thr-TGT    GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGU-CU-UGUAA-ACUGAAGGUCUGUAGUUC 55
chr-13.trna30-Thr-TGT   GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGU-CU-UGUAA-ACUGAAGGUCUGUAGUUC 55
chr-13.trna1-Thr-TGT    GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGU-CU-UGUAA-ACUGAAGGUCUGUAGUUC 55
chr-10.trna35-Thr-TGT   GCCCCUAUUGCUCAGU--GGUAGAGCGUCAAU-CU-UGUAA-ACUGAAGGUCUGUAGUUU 55
chr-14.trna32-Thr-TGT   GCCCUUAUAGCUCAGU--GGUAGAGCGUCAGU-CU-UGUAA-ACUGAAGGUCCGUAGUUC 55
chr-6.trna33-Thr-TGT    GCCCUUAUAGCUCAGU--GGUAGAGCGUCAGU-CU-UGUAA-ACUGAAGGUCCGUAGUUC 55
chr-14.trna17-Thr-CGT   GCCUCCGUAGCAUAGU--GGUAGUGCGUUCGC-UU-CGUAA-GCGAAAGGUCGCGAGUUC 55
chr-6.trna19-Thr-CGT    GCCUCCGUAGCAUAGU--GGUAGUGCGUUCGC-UU-CGUAA-GCGAAAGGUCGCGAGUUC 55
chr-5.trna28-Thr-CGT    GCUUCCAUAGCAUAGU--GGUAGUGCGUUCGC-UU-CGUAA-GCGAAAGGUCGCGAGUUC 55
chr-10.trna19-Thr-CGT   GCUUCCAUAGCAUAGU--GGUAGUGCGUUCGC-UU-CGUAA-GCGAAAGGUCGCGAGUUC 55
chr-11.trna17-Thr-AGT   GCUCUCGUAGUUUAGUUGGUUAGAGCACCCGU-UUAGUAA-GCGGGAGGUCUUGAGUUU 58
chr-2.trna21-Thr-AGT    GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGU-UU-AGUAA-GCGGGAGGUCUUGAGUUC 57
chr-5.trna25-Thr-AGT    GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGU-UU-AGUAA-GCGGGAGGUCUUGAGUUC 57
chr-5.trna26-Thr-AGT    GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGU-UU-AGUAA-GCGGGAGGUCUUGAGUUC 57
chr-17.trna29-Thr-AGT   GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGU-UU-AGUAA-GCGGGAGGUCUUGAGUUC 57
chr-9.trna29-Thr-AGT    GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGU-UU-AGUAA-GCGGGAGGUCUUGAGUUC 57
chr-16.trna8-Thr-AGT    GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGU-UU-AGUAA-GCGGGAGGUCUUGAGUUC 57
chr-10.trna17-Thr-AGT   GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGU-UU-AGUAA-GCGGGAGGUCUUGAGUUC 57
chr-13.trna9-Thr-AGT    GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGU-UU-AGUAA-GCGGGAGGUCUUGAGUUC 57
chr-15.trna42-Thr-AGT   GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGU-UU-AGUAA-GCGGGAGGUCUUGAGUUC 57
chr-3.trna19-Thr-AGT    GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGU-UU-AGUAA-GCGGGAGGUCUUGAGUUC 57
chr-15.trna60-Thr-AGT   GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGU-UU-AGUAA-GCGGGAGGUCUUGAGUUC 57
chr-8.trna22-Thr-AGT    GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGU-UU-AGUAA-GCGGAAGGUCUUGAGUUC 57
chr-10.trna18-Thr-AGT   GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGU-UU-AGUAA-GCGGGAGGUCUUGAGUUC 57
chr-1.trna5-Thr-GGT     GCCUUUUUAACUCAGU--GGUAGAGUAACGCU-AU-GGUAA-GACGUAAGUCAUCGAUUC 55
chr-3.trna39-Thr-GGT    GCUCUUUUAACUCAGU--GGUAGAGUAACGUC-AU-GGUAA-UGCGUAAGUCAUUGGUUC 55
chr-15.trna2-Thr-TGT    AGGGAUGUAGCUCAAAAUGGUAGAGCACUCAGAGCUUGUAACCUGAGAAGAUCAAGGUUC 60
                        .........10........20........30........40........50.........

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chr-16.trna35-Thr-TGT   GAUCCUGCAUGGGGGCA 72
chr-16.trna1-Thr-TGT    GAUCCUGCAUGGGGGCA 72
chr-13.trna30-Thr-TGT   GAUCCUGCAUGGGGGCA 72
chr-13.trna1-Thr-TGT    GAUCCUGCAUGGGGGCA 72
chr-10.trna35-Thr-TGT   GAUCCUGCAUGGGGGCA 72
chr-14.trna32-Thr-TGT   GAUCCUGCGUGAGGGCA 72
chr-6.trna33-Thr-TGT    GAUCCUGCGUGAGGGCA 72
chr-14.trna17-Thr-CGT   GAUCCUCGCCGGGGGCU 72
chr-6.trna19-Thr-CGT    GAUCCUCGCCGGGGGCU 72
chr-5.trna28-Thr-CGT    GAUCCUCGCUGGGAGCU 72
chr-10.trna19-Thr-CGT   GAUCCUCGCUGGGAGCU 72
chr-11.trna17-Thr-AGT   AACUCUCAAUGAGAUCA 75
chr-2.trna21-Thr-AGT    AACUCUCAAUGAAAGCA 74
chr-5.trna25-Thr-AGT    AACUCUCAAUGAAAGCA 74
chr-5.trna26-Thr-AGT    AACUCUCAAUGAAAGCA 74
chr-17.trna29-Thr-AGT   AACUCUCAAUGAAAGCA 74
chr-9.trna29-Thr-AGT    AACUCUCAAUGAAAGCA 74
chr-16.trna8-Thr-AGT    AACUCUCAAUGAAAGCA 74
chr-10.trna17-Thr-AGT   AACUCUCAAUGAAAGCA 74
chr-13.trna9-Thr-AGT    AACUCUCAAUGAAAGCA 74
chr-15.trna42-Thr-AGT   AACUCUCAAUGAAAGCA 74
chr-3.trna19-Thr-AGT    GACUCUCAACGAGAGCA 74
chr-15.trna60-Thr-AGT   GACUCUCAACGAGAGCA 74
chr-8.trna22-Thr-AGT    GACUCUCAACGAGAGCA 74
chr-10.trna18-Thr-AGT   AACUCUCAAUAAAGCA 74
chr-1.trna5-Thr-GGT     AAAUCUGAUAAAGGGCU 72
chr-3.trna39-Thr-GGT    AAAUUUGAUAAGGAGCU 72
chr-15.trna2-Thr-TGT    GAAUCCUUGCGUCCCUG 77
                        .........70......
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