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                          ((((.((..((((........)))).(((((.......)))))).....(((((.......
chr-1.trna89-Phe-GAA      GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-2.trna11-Phe-GAA      GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-8.trna41-Phe-GAA      GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-8.trna44-Phe-GAA      GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-7.trna92-Phe-GAA      GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-7.trna70-Phe-GAA      GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-8.trna96-Phe-GAA      GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-8.trna42-Phe-GAA      GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-2.trna16-Phe-GAA      GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-5.trna76-Phe-GAA      GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-5.trna75-Phe-GAA      GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-5.trna57-Phe-GAA      GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-2.trna26-Phe-GAA      GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-1.trna56-Phe-GAA      GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-4.trna116-Phe-GAA     GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-4.trna93-Phe-GAA      GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-2.trna80-Phe-GAA      GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-4.trna52-Phe-GAA      GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-3.trna116-Phe-GAA     GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-2.trna101-Phe-GAA     GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-8.trna43-Phe-GAA      GCGGGGAUAGCUCAGUUGGGAGAGCGUCAGAUUGAAGAUCUGAAGGUCGCGUGUUUGAUC 60
chr-3.trna77-Phe-GAA      GCUGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGUUCGAUC 60
chr-4.trna79-Phe-GAA      GCGGUGAUAGCUUAGUCGGGAGAGCGUCAGAUUGAAGAUCUGAAGGUCGCAUGUUCGAUC 60
chr-7.trna8-Phe-GAA       GCGGUGAUAGCUUAGUUGGGAGAGCGUCAGAUUGAAGAUCUGAAGGUCGCAUGUUCGAUC 60
chr-7.trna7-Phe-GAA       GCGGUGAUAGCUUAGUUGGGAGAGCGUCGGAUUGAAGAUCUGAAGGUCGCAUGUUCGAUC 60
chr-3.trna99-Phe-GAA      AUCGGGAUAGCUCAGCUGGUACAGUAGAGGAUUGAAAAUCCUCGUGUCACCAGUUCAAAU 60
chr-4.trna156-Phe-GAA     GUCGGGAUAGCUCAGCUGGUAGAGCAGAGGACUGAAAAUCCUCGUGUCACCAGUUCAAAU 60
chr-4.trna170-Phe-GAA     GUCGGGAUAGCUCAGCUGGUAGAGCAGAGGACUGAAAAUCCUCGUGUCACCAGUUCAAAU 60
chr-7.trna11-Phe-GAA      GUCGGGAUAGCUCAGCUGGUAGAGCAGAGGACUGAAAAUCCUCGUGUCACCAGUUCAAAU 60
chr-7.trna119-Phe-GAA     GUCGGGAUAGCUCAGCUGGUAGAGCAGAGGACUGAAAAUCCUCGUGUCACCAGUUCAAAU 60
chr-8.trna110-Phe-GAA     GUUGGGAUAGCUCAGCUGGUAGAGCAGGGGACUGAAAAUCCUCGUGUCACCAGUUCAAAU 60
                          .........10........20........30........40........50.........

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chr-1.trna89-Phe-GAA      CACGCUCACCGCA 73
chr-2.trna11-Phe-GAA      CACGCUCACCGCA 73
chr-8.trna41-Phe-GAA      CACGCUCACCGCA 73
chr-8.trna44-Phe-GAA      CACGCUCACCGCA 73
chr-7.trna92-Phe-GAA      CACGCUCACCGCA 73
chr-7.trna70-Phe-GAA      CACGCUCACCGCA 73
chr-8.trna96-Phe-GAA      CACGCUCACCGCA 73
chr-8.trna42-Phe-GAA      CACGCUCACCGCA 73
chr-2.trna16-Phe-GAA      CACGCUCACCGCA 73
chr-5.trna76-Phe-GAA      CACGCUCACCGCA 73
chr-5.trna75-Phe-GAA      CACGCUCACCGCA 73
chr-5.trna57-Phe-GAA      CACGCUCACCGCA 73
chr-2.trna26-Phe-GAA      CACGCUCACCGCA 73
chr-1.trna56-Phe-GAA      CACGCUCACCGCA 73
chr-4.trna116-Phe-GAA     CACGCUCACCGCA 73
chr-4.trna93-Phe-GAA      CACGCUCACCGCA 73
chr-2.trna80-Phe-GAA      CACGCUCACCGCA 73
chr-4.trna52-Phe-GAA      CACGCUCACCGCA 73
chr-3.trna116-Phe-GAA     CACGCUCACCGCA 73
chr-2.trna101-Phe-GAA     CACGCUCACCGCA 73
chr-8.trna43-Phe-GAA      CACGCUCACCGCA 73
chr-3.trna77-Phe-GAA      CACGCUCACCGCA 73
chr-4.trna79-Phe-GAA      CAUGCUCACCGCG 73
chr-7.trna8-Phe-GAA       CAUGCUCACCGCG 73
chr-7.trna7-Phe-GAA       CAUGCUCACCGCG 73
chr-3.trna99-Phe-GAA      CUGAUUCCCGGCG 73
chr-4.trna156-Phe-GAA     CUGGUUCCCGGCG 73
chr-4.trna170-Phe-GAA     CUGGUUCCCGGCG 73
chr-7.trna11-Phe-GAA      CUGGUUCCCGGCG 73
chr-7.trna119-Phe-GAA     CUGGUUCCCGGCG 73
chr-8.trna110-Phe-GAA     CUGGUUCCCGACG 73
                          .........70..
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