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                         ((((((..((((.........)))).(((((.......)))))....(((((.......
chr-2.trna5-Glu-TTC      UCCAUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-1.trna15-Glu-TTC     UCCGUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-2.trna34-Glu-TTC     UCCGUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCAGGUUCGAUU 59
chr-2.trna6-Glu-TTC      UCCAUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-2.trna37-Glu-TTC     UCCGUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-18.trna29-Glu-TTC    UCCGAUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-4.trna1-Glu-TTC      UCCGUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-12.trna3-Glu-TTC     UCCAUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-4.trna40-Glu-TTC     UCCAUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-11.trna56-Glu-TTC    UCCGUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-14.trna2-Glu-TTC     UCCGUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-11.trna17-Glu-TTC    UCCAUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-16.trna9-Glu-TTC     UCCAUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-6.trna1-Glu-TTC      UCCGUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-16.trna8-Glu-TTC     UCCAUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-16.trna7-Glu-TTC     UCCAUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-2.trna51-Glu-TTC     UCCGUUGUUGUCCAG-CUAUUAGGAUAUCUGGCUUUCACCCAGAAGACCCGGGUUCGUCU 59
chr-2.trna52-Glu-TTC     UCCGUUGUUGUCCAG-CUAUUAGGAUAUCUGGCUUUCACCCAGAAGACCCGGGUUCGUUU 59
chr-19.trna20-Glu-CTC    UCCGUUGUAGUCUAGUUGGUUAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-13.trna61-Glu-CTC    UCCGUUGUAGUCUAGUUGGUUAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-6.trna35-Glu-CTC     UCCGUUGUAGUCUAGUUGGUUAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-11.trna12-Glu-CTC    UCCGUUGUAGUCUAGUUGGUUAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-13.trna65-Glu-CTC    UCCGUUGUAGUCUAGUUGGUUAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-11.trna4-Glu-CTC     UCCGUUGUAGUCUAGUUGGUUAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-1.trna28-Glu-CTC     UCCGUUGUAGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-12.trna28-Glu-CTC    UCCGUUGUAGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-18.trna47-Glu-CTC    UCCGUUGUAGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-17.trna13-Glu-CTC    UCCGUUGUAGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-5.trna12-Glu-CTC     UCCGUUGUAGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-15.trna8-Glu-CTC     UCCGUUGUAGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-8.trna61-Glu-CTC     UCCGUUGUAGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGCGACCCGGGUUCAAGU 60
chr-1.trna29-Glu-CTC     UCCGUUGUAGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-4.trna44-Glu-CTC     UCCGUUGUAGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-5.trna24-Glu-CTC     UCCGUUGUAGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-8.trna11-Glu-CTC     UCCGUUGUAGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-10.trna14-Glu-CTC    UCCGUUGUAGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-11.trna5-Glu-CTC     UCCGUUGUAGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-11.trna55-Glu-CTC    UCCGUUGUAGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-12.trna1-Glu-CTC     UCCGUUGUAGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-3.trna11-Glu-CTC     UCCGUUGUAGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAUGU 60
chr-9.trna30-Glu-TTC     GCCCCCAUCGUCUAGUGGUUCAGGACAUCUCUCUUUCAAGGAGGCAGCAGGGAUUCAACC 60
chr-18.trna6-Glu-CTC     ------GUAGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAAU 54
                         .........10........20........30........40........50.........

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chr-2.trna5-Glu-TTC      CCCGGCAAUGGAA 72
chr-1.trna15-Glu-TTC     CCCGGCAACGGAA 72
chr-2.trna34-Glu-TTC     CCCGGCAACGGAA 72
chr-2.trna6-Glu-TTC      CCCGGCAAUGGAA 72
chr-2.trna37-Glu-TTC     CCCGGCAACGGAA 72
chr-18.trna29-Glu-TTC    CCCGGCAUCGGAA 72
chr-4.trna1-Glu-TTC      CCCGGCAACGGAA 72
chr-12.trna3-Glu-TTC     CCCGGCAAUGGAA 72
chr-4.trna40-Glu-TTC     CCCGGCAAUGGAA 72
chr-11.trna56-Glu-TTC    CCCGGCAACGGAA 72
chr-14.trna2-Glu-TTC     CCCGGCAACGGAA 72
chr-11.trna17-Glu-TTC    CCCGGCAAUGGAA 72
chr-16.trna9-Glu-TTC     CCCGGCAAUGGAA 72
chr-6.trna1-Glu-TTC      CCCGGCAACGGAA 72
chr-16.trna8-Glu-TTC     CCCGGCAAUGGAA 72
chr-16.trna7-Glu-TTC     CCCGGCAAUGGAA 72
chr-2.trna51-Glu-TTC     CCCGGCAACGGAA 72
chr-2.trna52-Glu-TTC     CCCGGCAACGGAA 72
chr-19.trna20-Glu-CTC    CCCGGCAACGGAA 73
chr-13.trna61-Glu-CTC    CCCGGCAACGGAA 73
chr-6.trna35-Glu-CTC     CCCGGCAACGGAA 73
chr-11.trna12-Glu-CTC    CCCGGCAACGGAA 73
chr-13.trna65-Glu-CTC    CCCGGCAACGGAA 73
chr-11.trna4-Glu-CTC     CCCGGCAACGGAA 73
chr-1.trna28-Glu-CTC     CCCGGCAACGGAA 73
chr-12.trna28-Glu-CTC    CCCGGCAACGGAA 73
chr-18.trna47-Glu-CTC    CCCGGCAACGGAA 73
chr-17.trna13-Glu-CTC    CCCGGCAACGGAA 73
chr-5.trna12-Glu-CTC     CCCGGCAACGGAA 73
chr-15.trna8-Glu-CTC     CCCGGCAACGGAA 73
chr-8.trna61-Glu-CTC     CCCGGCAACGGAA 73
chr-1.trna29-Glu-CTC     CCCGGCAACGGAA 73
chr-4.trna44-Glu-CTC     CCCGGCAACGGAA 73
chr-5.trna24-Glu-CTC     CCCGGCAACGGAA 73
chr-8.trna11-Glu-CTC     CCCGGCAACGGAA 73
chr-10.trna14-Glu-CTC    CCCGGCAACGGAA 73
chr-11.trna5-Glu-CTC     CCCGGCAACGGAA 73
chr-11.trna55-Glu-CTC    CCCGGCAACGGAA 73
chr-12.trna1-Glu-CTC     CCCGGCAACGGAA 73
chr-3.trna11-Glu-CTC     CCCAGCAACGGAA 73
chr-9.trna30-Glu-TTC     UCUUUUGGGGGUA 73
chr-18.trna6-Glu-CTC     CCCUU---UGUCA 64
                         .........70..
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