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                         (((((((..((((...........)))).(((((.......)))))).....(((((....
chr-3.trna60-Glu-TTC     UCCGUUGUCGUCCAG-CCCGGUUAGGAUAUCUGGCUUUCACCCAGGCGA-CCCGGGUUCA 58
chr-1.trna75-Glu-TTC     UCCGUUGUCGUCUAG-UCCGGUUAGGAUAUCUGGCUUUCACCCAGACGA-CCCGGGUUCA 58
chr-3.trna30-Glu-TTC     UCCGUCGUCGUCUAG-UCCGGUUAGGAUAUCUGGCUUUCACCCAGGCGA-CCCGGGUUCA 58
chr-3.trna73-Glu-TTC     UCCGUUGUCGUCUAG-UCCGGUUAGGAUAUCUGGCUUUCACCCAGACGA-CCCGGGUUCA 58
chr-7.trna44-Glu-TTC     UCCGUUGUCGUCUAG-UCCGGUUAGGAUAUCUGGCUUUCACCCAGACGA-CCCGGGUUCA 58
chr-2.trna42-Glu-TTC     UCCAUUGUCGUCUAG-UCCGGUUAGGAUACCUGGCUUUCACCCAGGCGA-CCCGGGUUCA 58
chr-8.trna29-Glu-TTC     UCCAUUGUCGUCUAG-UCCGGUUAGGAUACCUGGCUUUCACCCAGGCGA-CCCGGGUUCA 58
chr-6.trna2-Glu-TTC      UCCAUUGUCGUCUAG-UCCGGUUAGGAUACCUGGCUUUCACCCAGGCGA-CCCGGGUUCA 58
chr-7.trna56-Glu-TTC     UCCAUUGUCGUCUAG-UCCGGUUAGGAUACCUGGCUUUCACCCAGGCGA-CCCGGGUUCA 58
chr-7.trna59-Glu-TTC     UCCAUUGUCGUCUAG-UCCGGUUAGGAUACCUGGCUUUCACCCAGGCGA-CCCGGGUUCA 58
chr-7.trna10-Glu-TTC     UCCGUUGUCGUCCAG-UCCGGUUAGGAUAUCUGGUUUUCAGCCAGGCGA-CCCGGGUUCA 58
chr-8.trna6-Glu-TTC      UCCGUUGUCGUCGAG-CCCGGAUAGGAUAUCUGGCUUUCACCCCGGCCA-CCCGGGUUCA 58
chr-1.trna19-Glu-CTC     UCCGUUGUAGUCUAG-U-UGGUUAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 57
chr-1.trna6-Glu-CTC      UCCGUUGUAGUCUAG-U-UGGUUAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 57
chr-1.trna20-Glu-CTC     UCCGUUGUAGUCUAG-U-UGGUUAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 57
chr-1.trna44-Glu-CTC     UCCGUUGUAGUCUAG-U-UGGUUAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 57
chr-1.trna49-Glu-CTC     UCCGUUGUAGUCUAG-U-UGGUUAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 57
chr-7.trna2-Glu-CTC      UCCGUUGUAGUCUAG-U-UGGUUAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 57
chr-6.trna19-Glu-CTC     UCCGUUGUAGUCUAG-U-UGGUUAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 57
chr-6.trna10-Glu-CTC     UCCGUUGUAGUCUAG-U-UGGUUAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 57
chr-8.trna26-Glu-CTC     UCCGUUGUAGUCUAG-U-UGGUUAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 57
chr-5.trna60-Glu-CTC     UCCGUUGUAGUCUAG-U-UGGUUAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 57
chr-1.trna74-Glu-CTC     UCCGUUGUAGUCUAG-U-UGGUUAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 57
chr-5.trna43-Glu-CTC     UCCGUUGUAGUCUAG-U-UGGUUAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 57
chr-5.trna32-Glu-CTC     UCCGUUGUAGUCUAG-U-UGGUUAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 57
chr-5.trna25-Glu-CTC     UCCGUUGUAGUCUAG-U-UGGUUAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 57
chr-1.trna1-Glu-CTC      UCCGUUGUAGUCUAG-U-UGGUUAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 57
chr-5.trna6-Glu-CTC      UCCGUUGUAGUCUAG-U-UGGUUAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 57
chr-1.trna11-Glu-CTC     UCCGUUGUAGUCUAG-U-UGGUCAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 57
chr-5.trna59-Glu-CTC     UCCAUUGCAGUCUAG-A-CGGUUAGGAUGCUUGAUUCUCAAUCAAGAGA-CUUGGGUUCA 57
chr-7.trna39-Glu-TTC     GUGUGGUCGUCCG-G-UCUGGUUAGGAUAUCUGGCUUUCACCCAGGCAA-CCCGGGUUCA 57
chr-2.trna40-Glu-TTC     GCCCCCAUCGUCUAG-U--GGUUAGGACACUUCUCUUUCAAGGAGGAAA-UAGGGAUUCG 56
chr-7.trna86-Glu-CTC     UCUUACUCCAUGUGGAGAUUUUUAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 59
chr-7.trna85-Glu-CTC     UCUUACUCCAUGUGGAGAUUUUUAGGAUACUCGGCUCUCACCCGAGAGA-CCCGGGUUCA 59
chr-10.trna3-Glu-TTC     GCGCUUGUAGUCUAA---UGGUUAGGAUAAUUGCCUUUCAAGCAAUAGGCCCCUGGUUCG 57
                         .........10........20........30........40........50.........
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chr-3.trna60-Glu-TTC     AAU--CCCGGCAACG---GAG 74
chr-1.trna75-Glu-TTC     AAU--CCCGGCAACG---GAA 74
chr-3.trna30-Glu-TTC     AAU--CCCGGCGACG---GAA 74
chr-3.trna73-Glu-TTC     AAU--CCCGGCAACG---GAA 74
chr-7.trna44-Glu-TTC     AAU--CCCGGCAACG---GAA 74
chr-2.trna42-Glu-TTC     AAU--CCCGGCAAUG---GAA 74
chr-8.trna29-Glu-TTC     AAU--CCCGGCAAUG---GAA 74
chr-6.trna2-Glu-TTC      AAU--CCCGGCAAUG---GAA 74
chr-7.trna56-Glu-TTC     AAU--CCCGGCAAUG---GAA 74
chr-7.trna59-Glu-TTC     AAU--CCCGGCAAUG---GAA 74
chr-7.trna10-Glu-TTC     AAU--CCCGGCAACA---GAG 74
chr-8.trna6-Glu-TTC      AAU--GCCGGCAACG---GAG 74
chr-1.trna19-Glu-CTC     AGU--CCCGGCAACC---CAA 73
chr-1.trna6-Glu-CTC      AGU--CCCGGCAACG---GAA 73
chr-1.trna20-Glu-CTC     AGU--CCCGGCAACG---GAA 73
chr-1.trna44-Glu-CTC     AGU--CCCGGCAACG---GAA 73
chr-1.trna49-Glu-CTC     AGU--CCCGGCAACG---GAA 73
chr-7.trna2-Glu-CTC      AGU--CCCGGCAACG---GAA 73
chr-6.trna19-Glu-CTC     AGU--CCCGGCAACG---GAA 73
chr-6.trna10-Glu-CTC     AGU--CCCGGCAACG---GAA 73
chr-8.trna26-Glu-CTC     AGU--CCCGGCAACG---GAA 73
chr-5.trna60-Glu-CTC     AGU--CCCGGCAACG---GAA 73
chr-1.trna74-Glu-CTC     AGU--CCCGGCAACG---GAA 73
chr-5.trna43-Glu-CTC     AGU--CCCGGCAACG---GAA 73
chr-5.trna32-Glu-CTC     AGU--CCCGGCAACG---GAA 73
chr-5.trna25-Glu-CTC     AGU--CCCGGCAACG---GAA 73
chr-1.trna1-Glu-CTC      AGU--CCCGGCAACG---GAA 73
chr-5.trna6-Glu-CTC      AAU--CCCGGCAACG---GAA 73
chr-1.trna11-Glu-CTC     AGU--CCCGGCAACG---GAA 73
chr-5.trna59-Glu-CTC     AGUCCCCCGACAAUG---GAA 75
chr-7.trna39-Glu-TTC     AGUCCCAGCAAUUAU---ACU 75
chr-2.trna40-Glu-TTC     ACU--UCCCCUGAGG---GUA 72
chr-7.trna86-Glu-CTC     AGU--CCCGGCAACG---GAA 75
chr-7.trna85-Glu-CTC     AGU--CCCGGCAACG---GAA 75
chr-10.trna3-Glu-TTC     ACU--CACGGCAAGCGACGCA 76
                         .........70........80
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