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                        (((((((..((((...((.....)).)).(((((.......)))))).))))))).....
chr-1.trna10-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-1.trna11-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-7.trna40-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-7.trna12-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-8.trna21-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-6.trna15-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-6.trna14-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-5.trna57-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-5.trna56-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-5.trna49-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-5.trna47-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-5.trna39-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-5.trna31-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-1.trna69-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-2.trna31-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-9.trna2-Glu-CTC     UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-9.trna3-Glu-CTC     UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-3.trna66-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-2.trna35-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-1.trna2-Glu-CTC     UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-3.trna46-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-3.trna40-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-2.trna64-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-2.trna63-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGA-GACCCGGGUUCGA 58
chr-11.trna6-Glu-TTC    UCCGUUGUCGUCCAG-C-GGUUAGGAUAUCUGGCUUUCACCCAGGA-GACCCGGGUUCGA 57
chr-4.trna34-Glu-CTC    UCCGUUGUAGUCUAG-CUAGUUAGGAUACUCGGCUCUCACCUGAGAAGACCCGGGUUCGA 59
chr-3.trna52-Glu-TTC    UCCAUUGUCGUCUAGUCCGGUUAGGAUAUCUGGCUUUCACCCAGAC-GACCCGGGUUCAA 59
chr-3.trna53-Glu-TTC    UCCAUUGUCGUCUAGUCCGGUUAGGAUACCUGGCUUUCACCCAGGC-GACCCGGGUUCAA 59
chr-12.trna40-Glu-TTC   UCCAUUGUCGUCUAGUCCGGUUAGGAUACCUGGCUUUCACCCAGGC-GACCCGGGUUCAA 59
chr-12.trna5-Glu-TTC    UCCAUUGUCGUCUAGUCCGGUUAGGAUACCUGGCUUUCACCCAGGC-GACCCGGGUUCAA 59
chr-11.trna10-Glu-TTC   UCCAUUGUCGUCUAGUCCGGUUAGGAUACCUGGCUUUCACCCAGGC-GACCCGGGUUCAA 59
chr-3.trna75-Glu-TTC    UCCAUUGUCGUCUAGUCCGGUUAGGAUACCUGGCUUUCACCCAGGC-GACCCGGGUUCAA 59
chr-4.trna28-Glu-TTC    UCCAUUGUCGUCUAGUCCGGUUAGGAUACCUGGCUUUCACCCAGGC-GACCCGGGUUCAA 59
chr-7.trna2-Glu-TTC     UCCAUUGUCGUCUAGUCCGGUUAGGAUACCUGGCUUUCACCCAGGC-GACCCGGGUUCAA 59
chr-8.trna39-Glu-TTC    UCCAUUGUCGUCUAGUCCGGUUAGGAUACCUGGCUUUCACCCAGGC-GACCCGGGUUCAA 59
chr-8.trna4-Glu-TTC     UCCAUUGUCGUCUAGUCCGGUUAGGAUACCUGGCUUUCACCCAGGC-GACCCGGGUUCAA 59
chr-1.trna26-Glu-CTC    UCAAGU--AGUCUGG-CUGGUUAGGAUACUCGGCUCUCAUCCGAGU-GAUCCGGGUUCGA 56
chr-2.trna46-Glu-TTC    GUCCCUUUCGUCCAG--UGGUUAGGACAUCGUCUUUUCAUGUCGAA-GACACGGGUUCGA 57
chr-5.trna7-Glu-TTC     G----UUUCGUCCAG--UGGUUAGGACAUCAUCUUUUCAUGUCGAA-GACACGGGUUCGA 53
                        .........10........20........30........40........50.........
                        ..))))))))))))).
chr-1.trna10-Glu-CTC    GUCCCGGCAACGGAA 73
chr-1.trna11-Glu-CTC    GUCCCGGCAACGGAA 73
chr-7.trna40-Glu-CTC    GUCCCGGCAACGGAA 73
chr-7.trna12-Glu-CTC    GUCCCGGCAACGGAA 73
chr-8.trna21-Glu-CTC    GUCCCGGCAACGGAA 73
chr-6.trna15-Glu-CTC    GUCCCGGCAACGGAA 73
chr-6.trna14-Glu-CTC    GUCCCGGCAACGGAA 73
chr-5.trna57-Glu-CTC    GUCCCGGCAACGGAA 73
chr-5.trna56-Glu-CTC    GUCCCGGCAACGGAA 73
chr-5.trna49-Glu-CTC    GUCCCGGCAACGGAA 73
chr-5.trna47-Glu-CTC    GUCCCGGCAACGGAA 73
chr-5.trna39-Glu-CTC    GUCCCGGCAACGGAA 73
chr-5.trna31-Glu-CTC    GUCCCGGCAACGGAA 73
chr-1.trna69-Glu-CTC    GUCCCGGCAACGGAA 73
chr-2.trna31-Glu-CTC    GUCCCGGCAACGGAA 73
chr-9.trna2-Glu-CTC     GUCCCGGCAACGGAA 73
chr-9.trna3-Glu-CTC     GUCCCGGCAACGGAA 73
chr-3.trna66-Glu-CTC    GUCCCGGCAACGGAA 73
chr-2.trna35-Glu-CTC    GUCCCGGCAACGGAA 73
chr-1.trna2-Glu-CTC     GUCCCGGCAACGGAA 73
chr-3.trna46-Glu-CTC    GUCCCGGCAACGGAA 73
chr-3.trna40-Glu-CTC    GUCCCGGCAACGGAA 73
chr-2.trna64-Glu-CTC    GUCCCGGCAACGGAA 73
chr-2.trna63-Glu-CTC    GUCCCGGCAACGGAA 73
chr-11.trna6-Glu-TTC    UUCCCGGCAACGGAA 72
chr-4.trna34-Glu-CTC    GUCCCGGAAACUGAA 74
chr-3.trna52-Glu-TTC    AUCCCGGCAAUGGAA 74
chr-3.trna53-Glu-TTC    AUCCCGGCAAUGGAA 74
chr-12.trna40-Glu-TTC   AUCCCGGCAAUGGAA 74
chr-12.trna5-Glu-TTC    AUCCCGGCAAUGGAA 74
chr-11.trna10-Glu-TTC   AUCCCGGCAAUGGAA 74
chr-3.trna75-Glu-TTC    AUCCCGGCAAUGGAA 74
chr-4.trna28-Glu-TTC    AUCCCGGCAAUGGAA 74
chr-7.trna2-Glu-TTC     AUCCCGGCAAUGGAA 74
chr-8.trna39-Glu-TTC    AUCCCGGCAAUGGAA 74
chr-8.trna4-Glu-TTC     AUCCCGGCAAUGGAA 74
chr-1.trna26-Glu-CTC    GUCCCGUCAUCGGAA 71
chr-2.trna46-Glu-TTC    UUCCCGUAAGGGAUA 72
chr-5.trna7-Glu-TTC     UUCCCGUAAGGGAUA 68
                        .........70....
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