```
                                (((((((..((((...((.....)).)).(((((.......)))))))))))(((((.....
chr-1.trna24-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-1.trna34-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-8.trna29-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-8.trna28-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-9.trna1-Glu-CTC     UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-6.trna14-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-1.trna35-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-5.trna40-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-5.trna31-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-5.trna1-Glu-CTC     UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-4.trna15-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-2.trna4-Glu-CTC     UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-2.trna8-Glu-CTC     UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-3.trna60-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-3.trna52-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-11.trna7-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-3.trna27-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-1.trna1-Glu-CTC     UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-2.trna37-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAG 59
chr-9.trna2-Glu-CTC     UCCGUUGUAGUCUAG-CUGGUUAGGAUACUCGGCUCUCACCCCAGAGACCCGGGUUCGAG 59
chr-1.trna80-Glu-CTC    UCCGUUGUAGUCUAG-CUGGUUAGGAUACUGGGCUCUCACCAGAGAGACCCGGGUUCGAG 59
chr-6.trna4-Glu-TTC     UCCGUUGUCGUCCAG-C-GGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-2.trna77-Glu-TTC    UCCAUUGUCGUCUAGUCCGGUUAGGAUAUCUGGCUUUCACCCAGACGACCCGGGUUCAAA 60
chr-3.trna43-Glu-TTC    UCCAUUGUCGUCUAGUCCGGUUAGGAUAUCUGGCUUUCACCCAGACGACCCGGGUUCAAA 60
chr-12.trna25-Glu-TTC   UCCAUUGUCGUCUAGUCCGGUUAGGAUAUCUGGCUUUCACCCAGACGACCCGGGUUCAAA 60
chr-12.trna41-Glu-TTC   UCCAUUGUCGUCUAGUCCGGUUAGGAUACCUGGCUUUCACCCAGGCGACCCGGGUUCAAA 60
chr-11.trna10-Glu-TTC   UCCAUUGUCGUCUAGUCCGGUUAGGAUACCUGGCUUUCACCCAGGCGACCCGGGUUCAAA 60
chr-11.trna9-Glu-TTC    UCCAUUGUCGUCUAGUCCGGUUAGGAUACCUGGCUUUCACCCAGGCGACCCGGGUUCAAA 60
chr-11.trna8-Glu-TTC    UCCAUUGUCGUCUAGUCCGGUUAGGAUACCUGGCUUUCACCCAGGCGACCCGGGUUCAAA 60
chr-4.trna6-Glu-TTC     UCCAUUGUCGUCUAGUCCGGUUAGGAUACCUGGCUUUCACCCAGGCGACCCGGGUUCAAA 60
chr-7.trna1-Glu-TTC     UCCAUUGUCGUCUAGUCCGGUUAGGAUACCUGGCUUUCACCCAGGCGACCCGGGUUCAAA 60
chr-3.trna90-Glu-TTC    UCCAUUGUCGUCUAGUCCGGUUAGGAUACCUGGCUUUCACCCAGGCGACCCGAGUUCAAA 60
chr-2.trna63-Glu-TTC    GUCCCUUUCGUCCAG--UGGUUAGGACAUCGUCUUUUCAUGUCGAAGACACGGGUUCGAU 58
                        .........10........20........30........40........50.........

                        .)))))))))))).
chr-1.trna24-Glu-CTC    UCCCGGCAACGGAA 73
chr-1.trna34-Glu-CTC    UCCCGGCAACGGAA 73
chr-8.trna29-Glu-CTC    UCCCGGCAACGGAA 73
chr-8.trna28-Glu-CTC    UCCCGGCAACGGAA 73
chr-9.trna1-Glu-CTC     UCCCGGCAACGGAA 73
chr-6.trna14-Glu-CTC    UCCCGGCAACGGAA 73
chr-1.trna35-Glu-CTC    UCCCGGCAACGGAA 73
chr-5.trna40-Glu-CTC    UCCCGGCAACGGAA 73
chr-5.trna31-Glu-CTC    UCCCGGCAACGGAA 73
chr-5.trna1-Glu-CTC     UCCCGGCAACGGAA 73
chr-4.trna15-Glu-CTC    UCCCGGCAACGGAA 73
chr-2.trna4-Glu-CTC     UCCCGGCAACGGAA 73
chr-2.trna8-Glu-CTC     UCCCGGCAACGGAA 73
chr-3.trna60-Glu-CTC    UCCCGGCAACGGAA 73
chr-3.trna52-Glu-CTC    UCCCGGCAACGGAA 73
chr-11.trna7-Glu-CTC    UCCCGGCAACGGAA 73
chr-3.trna27-Glu-CTC    UCCCGGCAACGGAA 73
chr-1.trna1-Glu-CTC     UCCCGGCAACGGAA 73
chr-2.trna37-Glu-CTC    UCCCGGCAACGGAA 73
chr-9.trna2-Glu-CTC     UCCCGGCAACGGAA 73
chr-1.trna80-Glu-CTC    UCCCGGCAACGGAA 73
chr-6.trna4-Glu-TTC     UCCCGGCAACGGAA 72
chr-2.trna77-Glu-TTC    UCCCGGCAAUGGAA 74
chr-3.trna43-Glu-TTC    UCCCGGCAAUGGAA 74
chr-12.trna25-Glu-TTC   UCCCGGCAAUGGAA 74
chr-12.trna41-Glu-TTC   UCCCGGCAAUGGAA 74
chr-11.trna10-Glu-TTC   UCCCGGCAAUGGAA 74
chr-11.trna9-Glu-TTC    UCCCGGCAAUGGAA 74
chr-11.trna8-Glu-TTC    UCCCGGCAAUGGAA 74
chr-4.trna6-Glu-TTC     UCCCGGCAAUGGAA 74
chr-7.trna1-Glu-TTC     UCCCGGCAAUGGAA 74
chr-3.trna90-Glu-TTC    UCCCGGCAAUGGAA 74
chr-2.trna63-Glu-TTC    UCCCGUAAGGGAUA 72
                        .........70...
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