```
                                 (((((((..((((.........)))).(((((.......)))))).....(((((.......
chr-2.trna9-Glu-CTC              UCCGUUGUAGUCUAG-UUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAG 59
chr-6.trna18-Glu-CTC             UCCGUUGUAGUCUAG-UUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAG 59
chr-8.trna58-Glu-CTC             UCCGUUGUAGUCUAG-UUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAG 59
chr-9.trna20-Glu-CTC             UCCGUUGUAGUCUAG-UUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAG 59
chr-9.trna21-Glu-CTC             UCCGUUGUAGUCUAG-UUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAG 59
chr-11.trna36-Glu-CTC            UCCGUUGUAGUCUAG-UUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAG 59
chr-11.trna30-Glu-CTC            UCCGUUGUAGUCUAG-UUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAG 59
chr-12.trna52-Glu-CTC            UCCGUUGUAGUCUAG-UUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAG 59
chr-11.trna25-Glu-CTC            UCCGUUGUAGUCUAG-UUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAG 59
chr-1.trna36-Glu-CTC             UCCGUUGUAGUCUAG-UUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAG 59
chr-2.trna10-Glu-CTC             UCCGUUGUAGUCUAG-UUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAG 59
chr-12.trna50-Glu-CTC            UCCGUUGUAGUCUAG-UUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAG 59
chr-2.trna100-Glu-CTC            UCCGUUGUAGUCUAG-UUGGUCAGGAUAAUCGGCUCUCACCCGAUAGACCCGGGUUCAAG 59
chr-7.trna6-Glu-CTC              UCCGUUGUAGUCUAG-UUGGUUAGGAUGCUCGGCUCUCACCCGAGUGACCCGGGUUCAAG 59
chr-11.trna19-Glu-CTC            UCCGUUGUAGUCUAG-UUGGUUAGGAUGCUCGGCUCUCACCCGAGUGACCCGGGUUCAAG 59
chr-5.trna18-Glu-CTC             UCCGUUGUAGUCUAG-UUGGUUAGGAUGCCCGGCUCUCACCCGGGUGACCCGGGUUCAAG 59
chr-11.trna27-Glu-CTC            UCCGUUGUAGUCUAG-UUGGUUAGGAUACUCAGCUCUCACCCGAGAGACCCGGGUUC-AG 58
chr-8.trna42-Glu-TTC             UCCAUUGUAGUCCAGCCCGGUUAGGAUACCUGGCUUUCACCCAGGCGACCCGGGUUCAAA 60
chr-1.trna39-Glu-TTC             UCCGUUGUCGUCCAG--CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-2.trna98-Glu-TTC             UCCGUUGUCGUCCAG--CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-2.trna103-Glu-TTC            UCCGUUGUCGUCCAG--CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-11.trna37-Glu-TTC            UCCAUUGUCGUCCAG--CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-12.trna25-Glu-TTC            UCCGUUGUCGUCCAG--CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-2.trna104-Glu-TTC            UCCGUUGUCGUCCAG--CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-3.trna7-Glu-TTC              UCCAUUGUCGUCCAG--CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-6.trna41-Glu-TTC             UCCGUUGUCGUCCAG--CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-6.trna37-Glu-TTC             UCCGUUGUCGUCCAG--CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-6.trna36-Glu-TTC             UCCGUUGUCGUCCAG--CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-1.trna66-Glu-TTC             UCCGUUGUAGUCCAG--CGGUUAGGAUAUCCUGGCUUUCACCCAGGCGACCCGGGUUCGAU 58
chr-3.trna27-Glu-TTC             UCCAUUGUCGUCCAG--CGGUUAGGAUACCUGGCUUUCACCCAGGCGACCCGGGUUCAAU 58
chr-1.trna13-Glu-TTC             UCCGUUGUCAUCUAGUCCGGUCAGGAUGUCUGGGUUUCACCCAGUUUUCCCGGGUUCAAA 60
chr-1.trna29-Glu-TTC             GUCCCUUUCGUCCAG--UGGUUAGGACAUCGUCUUUUCAUGUCGAAGACACGGGUUCGAU 58
chr-3.trna3-Glu-TTC              GUCCAUUUCGUCCAA--UGGUUAGGACAUCGUCUUUUCAUGUCGAAGACACAGGUUCGAU 58
                                 .........10........20........30........40........50.........

                                 .)))))))))))).
chr-2.trna9-Glu-CTC              UCCCGGCAACGGAA 73
chr-6.trna18-Glu-CTC             UCCCGGCAACGGAA 73
chr-8.trna58-Glu-CTC             UCCCGGCAACGGAA 73
chr-9.trna20-Glu-CTC             UCCCGGCAACGGAA 73
chr-9.trna21-Glu-CTC             UCCCGGCAACGGAA 73
chr-11.trna36-Glu-CTC            UCCCGGCAACGGAA 73
chr-11.trna30-Glu-CTC            UCCCGGCAACGGAA 73
chr-12.trna52-Glu-CTC            UCCCGGCAACGGAA 73
chr-11.trna25-Glu-CTC            UCCCGGCAACGGAA 73
chr-1.trna36-Glu-CTC             UCCCGGCAACGGAA 73
chr-2.trna10-Glu-CTC             UCCCGGCAACGGAA 73
chr-12.trna50-Glu-CTC            UCCCGGCAACGGAA 73
chr-2.trna100-Glu-CTC            UCCCGGCAACGGAA 73
chr-7.trna6-Glu-CTC              UCCCGGCAACGGAA 73
chr-11.trna19-Glu-CTC            UCCCGGCAACGGAA 73
chr-5.trna18-Glu-CTC             UCCCGGCAACGGAA 73
chr-11.trna27-Glu-CTC            UCCCGGCAACGAAA 72
chr-8.trna42-Glu-TTC             UCCCGGCAAUGGAA 74
chr-1.trna39-Glu-TTC             UCCCGGCAACGGAA 72
chr-2.trna98-Glu-TTC             UCCCGGCAACGGAA 72
chr-2.trna103-Glu-TTC            UCCCGGCAACGGAA 72
chr-11.trna37-Glu-TTC            UCCCGGCAAUGGAA 72
chr-12.trna25-Glu-TTC            UCCCGGCAACGGAA 72
chr-2.trna104-Glu-TTC            UCCCGGCAACGGAA 72
chr-3.trna7-Glu-TTC              UCCCGGCAAUGGAA 72
chr-6.trna41-Glu-TTC             UCCCGGCAACGGAA 72
chr-6.trna37-Glu-TTC             UCCCGGCAACGGAA 72
chr-6.trna36-Glu-TTC             UCCCGGCAACGGAA 72
chr-1.trna66-Glu-TTC             UCCCGGCAACGGAA 72
chr-3.trna27-Glu-TTC             UCCCGGCAAUGGAA 72
chr-1.trna13-Glu-TTC             UCCCGGCAAUGGAU 74
chr-1.trna29-Glu-TTC             UCCCGUAAGGGAUA 72
chr-3.trna3-Glu-TTC              UCUAGUAAGGGAUA 72
                                 .........70...
```