```
                         (((((((..(((.....))).((.(((((((.......)))))))).)))))).....
chr-5.trna39-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAACGCAAGGCUCUUAGCCUUGUGGUCGUGGGUUCGAG- 59
chr-1.trna24-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAG- 59
chr-1.trna26-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAG- 59
chr-1.trna37-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAG- 59
chr-9.trna27-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAG- 59
chr-1.trna48-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAG- 59
chr-10.trna13-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAG- 59
chr-8.trna18-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAG- 59
chr-8.trna17-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAG- 59
chr-8.trna16-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAG- 59
chr-10.trna18-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAG- 59
chr-11.trna19-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAG- 59
chr-5.trna33-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAG- 59
chr-5.trna32-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAG- 59
chr-5.trna9-Lys-CTT      GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAG- 59
chr-12.trna35-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAG- 59
chr-3.trna17-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAG- 59
chr-10.trna12-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUUGUGGGUUCGAG- 59
chr-12.trna24-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAG- 59
chr-4.trna8-Lys-TTT      GCCGUCUUAGCUCAGCCGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAU- 59
chr-6.trna25-Lys-TTT     GCCGUCCUAGCUCAGUCGGUAGAGCGCACGGCUUUUAACCGUGUGGUCGUGGGUUCGAA- 59
chr-9.trna9-Lys-CTT      GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-12.trna18-Lys-TTT    GGGUGUAUAGCUCAGUUGGUAGAGCAUUGGCUUUUAACCUAAUGGUCGCAGGUUCAAG- 59
chr-9.trna22-Lys-TTT     GCCGUCCUAGCUCAGU-GGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAU- 58
chr-1.trna41-Lys-TTT     GCCGUCCUAGCUCAGU-GGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAU- 58
chr-2.trna8-Lys-TTT      GCCGUCCUAGCUCAGU-GGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAU- 58
chr-6.trna19-Lys-TTT     GCCGUCCUAGCUCAGU-GGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAU- 58
chr-11.trna8-Lys-TTT     GCCGACCUAGCUCAGU-GGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAU- 58
chr-12.trna7-Lys-TTT     GCCGACCUAGCUCAGU-GGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAU- 58
                         .........10........20........30........40........50.........
                         ..))))))))))))).
chr-5.trna39-Lys-CTT     -CCCCACGGUGGGGCU 73
chr-1.trna24-Lys-CTT     -CCCCACGGUGGGGCG 73
chr-1.trna26-Lys-CTT     -CCCCACGGUGGGGCG 73
chr-1.trna37-Lys-CTT     -CCCCACGGUGGGGCG 73
chr-9.trna27-Lys-CTT     -CCCCACGGUGGGGCG 73
chr-1.trna48-Lys-CTT     -CCCCACGGUGGGGCG 73
chr-10.trna13-Lys-CTT    -CCCCACGGUGGGGCG 73
chr-8.trna18-Lys-CTT     -CCCCACGGUGGGGCG 73
chr-8.trna17-Lys-CTT     -CCCCACGGUGGGGCG 73
chr-8.trna16-Lys-CTT     -CCCCACGGUGGGGCG 73
chr-10.trna18-Lys-CTT    -CCCCACGGUGGGGCG 73
chr-11.trna19-Lys-CTT    -CCCCACGGUGGGGCG 73
chr-5.trna33-Lys-CTT     -CCCCACGGUGGGGCG 73
chr-5.trna32-Lys-CTT     -CCCCACGGUGGGGCG 73
chr-5.trna9-Lys-CTT      -CCCCACGGUGGGGCG 73
chr-12.trna35-Lys-CTT    -CCCCACGGUGGGGCG 73
chr-3.trna17-Lys-CTT     -CCCCACGGUGGGGCG 73
chr-10.trna12-Lys-CTT    -CCCCACGGUGGGGCG 73
chr-12.trna24-Lys-CTT    -CCGCACGGUGGGGCG 73
chr-4.trna8-Lys-TTT      -UCCCACAGACGGCG 73
chr-6.trna25-Lys-TTT     -UCCCACGGACGGCG 73
chr-9.trna9-Lys-CTT      CCCCCACGGUGGGGCG 75
chr-12.trna18-Lys-TTT    -UCCUGCUAUACCCA 73
chr-9.trna22-Lys-TTT     -CCCCACGGACGGCG 72
chr-1.trna41-Lys-TTT     -CCCCACGGACGGCG 72
chr-2.trna8-Lys-TTT      -CCCCACGGACGGCG 72
chr-6.trna19-Lys-TTT     -CCCCACGGACGGCG 72
chr-11.trna8-Lys-TTT     -CCCCACGGUCGGCG 72
chr-12.trna7-Lys-TTT     -CCCCACGGUCGGCG 72
                         .........70....
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