```
                          ((((((((((((.....))))))((.(.(((((.......)))))).).))(((((((...)
chr-3.trna78-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCGUUGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-2.trna74-Ile-AAT      GACCCAUUAGCUCAGUUGGUUAGAGCGUUGUGCUAAUAACGCGAAGGUUGCAGGUUCGAG 60
chr-1.trna61-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-2.trna24-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-2.trna41-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-10.trna54-Ile-AAT     GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-10.trna53-Ile-AAT     GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-2.trna62-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-10.trna36-Ile-AAT     GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-9.trna41-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-3.trna11-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-6.trna79-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-6.trna56-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-5.trna66-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-3.trna16-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-5.trna3-Ile-AAT       GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-4.trna2-Ile-AAT       GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-4.trna1-Ile-AAT       GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-3.trna85-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-3.trna51-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-3.trna57-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-10.trna52-Ile-AAT     GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGCUCGCAGGUUCGAG 60
chr-6.trna95-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGGG 60
chr-3.trna59-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCAUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAG 60
chr-5.trna5-Ile-AAT       GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGUAAAGGUCGCAGAUUCGAG 60
chr-3.trna79-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACAUGA-CAUCGCAGGUUCGAA 59
                          .........10........20........30........40........50.........

                          ))))))))))))).
chr-3.trna78-Ile-AAT      ACCUGCAUGGGCCA 74
chr-2.trna74-Ile-AAT      ACCUGCAUGGGCCA 74
chr-1.trna61-Ile-AAT      ACCUGCAUGGGCCA 74
chr-2.trna24-Ile-AAT      ACCUGCAUGGGCCA 74
chr-2.trna41-Ile-AAT      ACCUGCAUGGGCCA 74
chr-10.trna54-Ile-AAT     ACCUGCAUGGGCCA 74
chr-10.trna53-Ile-AAT     ACCUGCAUGGGCCA 74
chr-2.trna62-Ile-AAT      ACCUGCAUGGGCCA 74
chr-10.trna36-Ile-AAT     ACCUGCAUGGGCCA 74
chr-9.trna41-Ile-AAT      ACCUGCAUGGGCCA 74
chr-3.trna11-Ile-AAT      ACCUGCAUGGGCCA 74
chr-6.trna79-Ile-AAT      ACCUGCAUGGGCCA 74
chr-6.trna56-Ile-AAT      ACCUGCAUGGGCCA 74
chr-5.trna66-Ile-AAT      ACCUGCAUGGGCCA 74
chr-3.trna16-Ile-AAT      ACCUGCAUGGGCCA 74
chr-5.trna3-Ile-AAT       ACCUGCAUGGGCCA 74
chr-4.trna2-Ile-AAT       ACCUGCAUGGGCCA 74
chr-4.trna1-Ile-AAT       ACCUGCAUGGGCCA 74
chr-3.trna85-Ile-AAT      ACCUGCAUGGGCCA 74
chr-3.trna51-Ile-AAT      ACCUGCAUGGGCCA 74
chr-3.trna57-Ile-AAT      ACCUGCAUGGGCCA 74
chr-10.trna52-Ile-AAT     ACCUGCAUGGGCCA 74
chr-6.trna95-Ile-AAT      ACCUGCAUGGGCCA 74
chr-3.trna59-Ile-AAT      ACCUGCAUGGGCCA 74
chr-5.trna5-Ile-AAT       ACCUGCAUGGGCCA 74
chr-3.trna79-Ile-AAT      ACCUGCAUGGGCAA 73
                          .........70...
```