```
                          ((((((((((((.(((((.....((....)))))))))))))).......((((......
chr-1.trna4-Val-AAC       GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-6.trna17-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACCGAAGGUCUCCGGUUCGAG 60
chr-1.trna8-Val-AAC       GGUGCCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-10.trna16-Val-AAC     GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-7.trna48-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-7.trna47-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-1.trna9-Val-AAC       GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-7.trna42-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-1.trna63-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-6.trna45-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-2.trna35-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-6.trna43-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-2.trna55-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-6.trna41-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-3.trna19-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-4.trna43-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-4.trna44-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-6.trna33-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-6.trna20-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-6.trna19-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-6.trna18-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-4.trna62-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-4.trna67-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-5.trna71-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGGCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-3.trna20-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCUGGUUCGAG 60
chr-7.trna46-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-6.trna40-Val-AAC      GGUGUUGUGGGUGUAGUUGGUUAUCACAUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-6.trna42-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-3.trna21-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACAGAAGGUCUCCGGUUCGAG 60
chr-6.trna39-Val-AAC      GGUGUUGUGGGUGUAGUUGGUUAUCACAUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-6.trna38-Val-AAC      GGUGUCGUGGGUGUAGUUGGUUAUCACGCUAGUCUAACACAUUGAAGGUCUCCGGUUUGAG 60
chr-10.trna54-Val-AAC     AGUGUCGUGGGUGUAGUUGGUUAUCACGUCGGUCUAACACACUGAAGCUCUCCGGUCCGAG 60
chr-6.trna46-Val-AAC      GGUGUUGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACAAACUGAAGGUCUCCGGUUCGAG 60
chr-6.trna44-Val-AAC      GGUGUUGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACAAACUGAAGGUCUCCGGUUCGAG 60
chr-3.trna18-Val-AAC      AGUGGCGUGGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-4.trna45-Val-AAC      GGCAUCGUGGGUGUUGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGUUUCGAG 60
chr-3.trna8-Val-AAC       GGUGUUGUGGGUGUAAUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCGCCGGUUCGAG 60
                          .........10........20........30........40........50.........

                          .)))))))))))).
chr-1.trna4-Val-AAC       UCCGGGCGACGCCA 74
chr-6.trna17-Val-AAC      UCUGGGCGACGCCA 74
chr-1.trna8-Val-AAC       UCCGGGCGGCGCCA 74
chr-10.trna16-Val-AAC     UCCGGGCGACGCCA 74
chr-7.trna48-Val-AAC      UCCGGGCGACGCCA 74
chr-7.trna47-Val-AAC      UCCGGGCGACGCCA 74
chr-1.trna9-Val-AAC       UCCGGGCGACGCCA 74
chr-7.trna42-Val-AAC      UCCGGGCGACGCCA 74
chr-1.trna63-Val-AAC      UCCGGGCGACGCCA 74
chr-6.trna45-Val-AAC      UCCGGGCGACGCCA 74
chr-2.trna35-Val-AAC      UCCGGGCGACGCCA 74
chr-6.trna43-Val-AAC      UCCGGGCGACGCCA 74
chr-2.trna55-Val-AAC      UCCGGGCGACGCCA 74
chr-6.trna41-Val-AAC      UCCGGGCGACGCCA 74
chr-3.trna19-Val-AAC      UCCGGGCGACGCCA 74
chr-4.trna43-Val-AAC      UCCGGGCGACGCCA 74
chr-4.trna44-Val-AAC      UCCGGGCGACGCCA 74
chr-6.trna33-Val-AAC      UCCGGGCGACGCCA 74
chr-6.trna20-Val-AAC      UCCGGGCGACGCCA 74
chr-6.trna19-Val-AAC      UCCGGGCGACGCCA 74
chr-6.trna18-Val-AAC      UCCGGGCGACGCCA 74
chr-4.trna62-Val-AAC      UCCGGGCGACGCCA 74
chr-4.trna67-Val-AAC      UCCGGGCGACGCCA 74
chr-5.trna71-Val-AAC      UCCGGGCGACGCCA 74
chr-3.trna20-Val-AAC      UCCGGGCGACGCCA 74
chr-7.trna46-Val-AAC      UCCGUGCGACGCCA 74
chr-6.trna40-Val-AAC      UCCGGGCGACGCCA 74
chr-6.trna42-Val-AAC      UCUAGGCGAUGCCA 74
chr-3.trna21-Val-AAC      UCCGGGCGACGCCA 74
chr-6.trna39-Val-AAC      UUCGGGCGACGCCA 74
chr-6.trna38-Val-AAC      UCCGGGCGACGCCA 74
chr-10.trna54-Val-AAC     UCCGGUCGACGCCA 74
chr-6.trna46-Val-AAC      UUCGGGCGACGCCA 74
chr-6.trna44-Val-AAC      UUCGGGCGACGCCA 74
chr-3.trna18-Val-AAC      UCCGGGCGACGCCA 74
chr-4.trna45-Val-AAC      UCCGGGCGACUCCA 74
chr-3.trna8-Val-AAC       UUUGGGCGAUGCCA 74
                          .........70...
```