```
                         ((((((((.((((((....))).)))).(((((.......)))))).....(((.....
chr-4.trna26-Val-AAC     GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCAGUUCGAA 60
chr-5.trna29-Val-AAC     GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-5.trna30-Val-AAC     GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-1.trna53-Val-AAC     GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-4.trna7-Val-AAC      GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-7.trna24-Val-AAC     GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-4.trna48-Val-AAC     GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-5.trna28-Val-AAC     GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-2.trna7-Val-AAC      GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-5.trna59-Val-AAC     GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-5.trna60-Val-AAC     GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-6.trna39-Val-AAC     GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-2.trna5-Val-CAC      GUCUGGGUGGUGUAGUUGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-2.trna6-Val-CAC      GUCUGGGUGGUGUAGUUGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-4.trna42-Val-CAC     GUCUGGGUGGUGUAGUUGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-1.trna26-Val-CAC     GUCUGGGUGGUGUAGUUGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-6.trna36-Val-CAC     GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-2.trna29-Val-CAC     GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-2.trna38-Val-CAC     GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-9.trna11-Val-CAC     GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-7.trna9-Val-TAC      GAUGCUGUGGUGUAGU-GGUUAUCACGUCAGUCUUACACACUGAAGGUCUCCAGUUCGAU 59
chr-9.trna3-Val-TAC      GUUGCUGUGGUGUAGU-GGUUAUCACGUUAGUCUUACACACUAAAGGUCCCCAGUUCGAU 59
chr-3.trna4-Val-TAC      GUUGCUGUGGUGUAGU-GGUUAUCACGUUAGUCUUACACACUAAAGGUCCCCAGUUCGAU 59
chr-4.trna9-Val-TAC      GUUGCUGUGGUGUAGU-GGUUAUCACGUUAGUCUUACACACUAAAGGUCCCCAGUUCGAU 59
chr-6.trna41-Val-TAC     GUUGCUGUGGUGUAGU-GGUUAUCACGUUAGUCUUACACACUAAAGGUCCCCAGUUCGAU 59
chr-10.trna32-Val-TAC    GUUGCUGUGGUGUAGU-GGUUAUCACGUUAGUCUUACACACUAAAGGUCUCCAGUUCGAU 59
chr-10.trna33-Val-TAC    GUUGCUGUGGUGUAGU-GGUUAUCACGUUAGUCUUACACACUAAAGGUCUCCAGUUCGAU 59
chr-2.trna30-Val-CAC     GUCUUCGUACUGUAGUUGGUUAUCAAGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-10.trna60-Val-GAC    AGGGAUAUAACUCAGC--GGUAGAGUGUCACCUUGACGUGGUGAAAGUCAUCAGUUCGAG 58
chr-2.trna18-Val-GAC     AGGGAUAUAACUCAGC--GGUAGAGUGUCACCUUGACGUGGUAGAAGUCAUCAGUUCGAG 58
                         .........10........20........30........40........50.........
                         .))))))))))))).
chr-4.trna26-Val-AAC     CCUGGGCGACGCCA 74
chr-5.trna29-Val-AAC     CCCGGGCGAAGCCA 74
chr-5.trna30-Val-AAC     CCCGGGCGAAGCCA 74
chr-1.trna53-Val-AAC     CCCGGGCGACGCCA 74
chr-4.trna7-Val-AAC      CCCGGGCGACGCCA 74
chr-7.trna24-Val-AAC     CCCGGGCGACGCCA 74
chr-4.trna48-Val-AAC     CCCGGGCGACGCCA 74
chr-5.trna28-Val-AAC     CCCGGGCGACGCCA 74
chr-2.trna7-Val-AAC      UCCGGGCGACGCCA 74
chr-5.trna59-Val-AAC     UCCGGGCGACGCCA 74
chr-5.trna60-Val-AAC     UCCGGGCGACGCCA 74
chr-6.trna39-Val-AAC     UCCGGGCGACGCCA 74
chr-2.trna5-Val-CAC      CCCGGGCUCAGACA 74
chr-2.trna6-Val-CAC      CCCGGGCUCAGACA 74
chr-4.trna42-Val-CAC     CCCGGGCUCAGACA 74
chr-1.trna26-Val-CAC     CCCGGGCUUAGACA 74
chr-6.trna36-Val-CAC     CCCGGGCUCAGACA 74
chr-2.trna29-Val-CAC     CCCGGGCUCAGACA 74
chr-2.trna38-Val-CAC     CCCGGGCUCAGACA 74
chr-9.trna11-Val-CAC     CCCGGGCUCAGACA 74
chr-7.trna9-Val-TAC      CCUGGGCAGCAUCA 73
chr-9.trna3-Val-TAC      CCUGGGCAGCAACA 73
chr-3.trna4-Val-TAC      CCUGGGCAGCAACA 73
chr-4.trna9-Val-TAC      CCUGGGCAGCAACA 73
chr-6.trna41-Val-TAC     CCUGGGCAGCAACA 73
chr-10.trna32-Val-TAC    CCUGGGCAGCAACA 73
chr-10.trna33-Val-TAC    CCUGGGCAGCAACA 73
chr-2.trna30-Val-CAC     CCCGGGCUCAGACA 74
chr-10.trna60-Val-GAC    CCUGAUUAUCCCUA 72
chr-2.trna18-Val-GAC     CCUGAUUAUCCCUA 72
                         .........70...
```