```
                         ((((((((((..((((((..(((...(((((.......)))))..)))..))))))...)
chr-B3.trna12-Val-AAC    GGUUUCGUAGUGUAGUCGGUUAUCACGUCAGUUUAACACGCCGAAGGUCUCCAGAUCGAA 60
chr-B6.trna52-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACAAUGAAAGUCUCCGGUUCGAA 60
chr-B1.trna26-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B2.trna26-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAAUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B2.trna41-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B8.trna140-Val-AAC   GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B8.trna126-Val-AAC   GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B2.trna64-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B8.trna100-Val-AAC   GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B3.trna10-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B8.trna97-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B3.trna55-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B3.trna130-Val-AAC   GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B4.trna14-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B4.trna20-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B7.trna132-Val-AAC   GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B7.trna119-Val-AAC   GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B4.trna60-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B7.trna83-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B4.trna72-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B5.trna73-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B6.trna6-Val-AAC     GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B6.trna13-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B7.trna31-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B7.trna148-Val-AAC   GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCAGUUCGAA 60
chr-B1.trna16-Val-CAC    GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-B7.trna41-Val-CAC    GUCUGGGUAGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCAGUUCGAA 60
chr-B2.trna21-Val-CAC    GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-B5.trna24-Val-CAC    GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-B5.trna6-Val-CAC     GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-B6.trna76-Val-CAC    GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-B7.trna63-Val-CAC    GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-B8.trna141-Val-CAC   GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-B2.trna28-Val-CAC    GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-B2.trna37-Val-CAC    GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-B8.trna124-Val-CAC   GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-B3.trna72-Val-CAC    GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-B3.trna65-Val-CAC    GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-B2.trna68-Val-CAC    GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-B8.trna89-Val-CAC    GUCUGGGUGGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAGAGGUCCCCGGUUCGAA 60
chr-B2.trna31-Val-AAC    GGUUUCGUGGUGUAGUCGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCAGUUCGAA 60
chr-B7.trna77-Val-AAC    GGUUUCGUGGUGUAGUCGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCAGUUCGAA 60
chr-B7.trna32-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-B8.trna58-Val-TAC    GGUGCUGUGGUGUAGU-GGUUAUCACGUUUGCCUUACACGCAAAAGGUCUCCAGUUCGAU 59
chr-B5.trna2-Val-TAC     GGUGCUGUGGUGUAGU-GGUUAUCACGUUUGCCUUACACGCAAAAGGUCUCCAGUUCGAU 59
chr-B5.trna82-Val-TAC    GGUGCUGUGGUGUAGU-GGUUAUCACGUUUGCCUUACACGCAAAAGGUCUCCAGUUCGAU 59
chr-B7.trna38-Val-TAC    GGUGCUGUGGUGUAGU-GGUUAUCACGUUUGCCUUACACGCAAAAGGUCUCCAGUUCGAU 59
chr-B6.trna36-Val-TAC    GGUGCUGUGGUGUAGU-GGUUAUCACGUUUGCCUUACACGCAAAAGGUCUCCAGUUCGAU 59
chr-B7.trna153-Val-TAC   GGUGCUGUGGUGUAGU-GGUUAUCACGUUUGCCUUACACGCAAAAGGUCUCCAGUUCGAU 59
chr-B8.trna98-Val-TAC    GGUACUAUGGUGUAGU-GGUUAUCACGUUUGCCUUACACACAAAAGGUCUCCGGUUCGAU 59
chr-B1.trna99-Val-GAC    GUCGUUGUAGUAUAGU-GGUAUGUAUUCCUGUCUGACACGCGGG-UGACCCGGU-UCGAU 57
chr-B7.trna92-Val-CAC    GCACCAGUGGGUUUAGUGGUAGAACA-GCAUU-GCCACGGUACAGA----CCCGGUUUGAC 54
                         .........10........20........30........40........50.........

                         ))...)))))))).
chr-B3.trna12-Val-AAC    CCUGGACGAAGCCA 74
chr-B6.trna52-Val-AAC    CUCGGGCGAAGCCA 74
chr-B1.trna26-Val-AAC    CCCGGGCGAAGCCA 74
chr-B2.trna26-Val-AAC    CCCGGGCGAAGCCA 74
chr-B2.trna41-Val-AAC    CCCGGGCGAAGCCA 74
chr-B8.trna140-Val-AAC   CCCGGGCGAAGCCA 74
chr-B8.trna126-Val-AAC   CCCGGGCGAAGCCA 74
chr-B2.trna64-Val-AAC    CCCGGGCGAAGCCA 74
chr-B8.trna100-Val-AAC   CCCGGGCGAAGCCA 74
chr-B3.trna10-Val-AAC    CCCGGGCGAAGCCA 74
chr-B8.trna97-Val-AAC    CCCGGGCGAAGCCA 74
chr-B3.trna55-Val-AAC    CCCGGGCGAAGCCA 74
chr-B3.trna130-Val-AAC   CCCGGGCGAAGCCA 74
chr-B4.trna14-Val-AAC    CCCGGGCGAAGCCA 74
chr-B4.trna20-Val-AAC    CCCGGGCGAAGCCA 74
chr-B7.trna132-Val-AAC   CCCGGGCGAAGCCA 74
chr-B7.trna119-Val-AAC   CCCGGGCGAAGCCA 74
chr-B4.trna60-Val-AAC    CCCGGGCGAAGCCA 74
chr-B7.trna83-Val-AAC    CCCGGGCGAAGCCA 74
chr-B4.trna72-Val-AAC    CCCGGGCGAAGCCA 74
chr-B5.trna73-Val-AAC    CCCGGGCGAAGCCA 74
chr-B6.trna6-Val-AAC     CCCGGGCGAAGCCA 74
chr-B6.trna13-Val-AAC    CCCGGGCGAAGCCA 74
chr-B7.trna31-Val-AAC    CCCGGGCGAAGCCA 74
chr-B7.trna148-Val-AAC   CCUGGACGAAGCCA 74
chr-B1.trna16-Val-CAC    CCCGGGCUCAGACA 74
chr-B7.trna41-Val-CAC    CCUGGGCUCAGACA 74
chr-B2.trna21-Val-CAC    CCCGGGCUCAGACA 74
chr-B5.trna24-Val-CAC    CCCGGGCUCAGACA 74
chr-B5.trna6-Val-CAC     CCCGGGCUCAGACA 74
chr-B6.trna76-Val-CAC    CCCGGGCUCAGACA 74
chr-B7.trna63-Val-CAC    CCCGGGCUCAGACA 74
chr-B8.trna141-Val-CAC   CCCGGGCUCAGACA 74
chr-B2.trna28-Val-CAC    CCCGGGCUCAGACA 74
chr-B2.trna37-Val-CAC    CCCGGGCUCAGACA 74
chr-B8.trna124-Val-CAC   CCCGGGCUCAGACA 74
chr-B3.trna72-Val-CAC    CCCGGGCUCAGACA 74
chr-B3.trna65-Val-CAC    CCCGGGCUCAGACA 74
chr-B2.trna68-Val-CAC    CCCGGGCUCAGACA 74
chr-B8.trna89-Val-CAC    CCCGGGCUCAGACA 74
chr-B2.trna31-Val-AAC    CCUGGACGAAGCCA 74
chr-B7.trna77-Val-AAC    CCUGGACGAAGCCA 74
chr-B7.trna32-Val-AAC    CCAUGGCGAAGCCA 74
chr-B8.trna58-Val-TAC    CCUGGGCAGCACCA 73
chr-B5.trna2-Val-TAC     CCUGGGCAGCACCA 73
chr-B5.trna82-Val-TAC    CCUGGGCAGCACCA 73
chr-B7.trna38-Val-TAC    CCUGGGCAGCACCA 73
chr-B6.trna36-Val-TAC    CCUGGGCAGCACCA 73
chr-B7.trna153-Val-TAC   CCU-GGCAGCACCA 72
chr-B8.trna98-Val-TAC    CCUGGGCAGCACCA 73
chr-B1.trna99-Val-GAC    UACCGGCAACGGCG 71
chr-B7.trna92-Val-CAC    UCCGGGCUGGUGCA 68
                         .........70...
```