```
                         (((((((..((((.....))))(.((.(.........)).)))(((((.....)
chr-A1.trna45-Lys-TTT    GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A4.trna26-Lys-TTT    GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGAGGGUUCGAUCC 60
chr-A1.trna39-Lys-TTT    GCCGACUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A2.trna28-Lys-TTT    GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A9.trna24-Lys-TTT    GCCGACUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A9.trna17-Lys-TTT    GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A9.trna13-Lys-TTT    GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A2.trna79-Lys-TTT    GCCGACUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A8.trna5-Lys-TTT     GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A7.trna79-Lys-TTT    GCCGACUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A7.trna55-Lys-TTT    GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A7.trna21-Lys-TTT    GCCGACUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A7.trna4-Lys-TTT     GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A3.trna10-Lys-TTT    GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A6.trna49-Lys-TTT    GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A6.trna42-Lys-TTT    GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A3.trna31-Lys-TTT    GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A5.trna52-Lys-TTT    GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A5.trna44-Lys-TTT    GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A9.trna179-Lys-TTT   GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A3.trna50-Lys-TTT    GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCC 60
chr-A2.trna13-Lys-TTT    GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUGC 60
chr-A9.trna118-Lys-TTT   GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUGC 60
chr-A10.trna53-Lys-TTT   GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUGC 60
chr-A2.trna61-Lys-TTT    GCCGACUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCACGUGGCCGUGGGUUCGAUCC 60
chr-A6.trna66-Lys-TTT    GCCGUCUUAGCUCUGUGGUAGAGCGGGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCU 60
chr-A6.trna37-Lys-TTT    GCCGUCUUAGCUCAGUGGUAGAGCGCGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUCG 60
chr-A9.trna54-Lys-TTT    GCCGUCUUAGCUCAGUGGUACAGCGCGUGACUUUUUAUCCCGUGGCCGUGGGUUCGAUUC 60
chr-A8.trna6-Lys-TTT     GCCGUCUUAGCUCAGUGGUAGAGAGAGUGACUUUUAAUCCCGUGGCCGUGGGUUCGAUUC 60
                         .........10........20........30........40........50.........

                         ))))))))))).
chr-A1.trna45-Lys-TTT    CCACAGACGGCG 72
chr-A4.trna26-Lys-TTT    CCUCAGACGGCG 72
chr-A1.trna39-Lys-TTT    CCACAGUCGGCG 72
chr-A2.trna28-Lys-TTT    CCACAGACGGCG 72
chr-A9.trna24-Lys-TTT    CCACAGUCGGCG 72
chr-A9.trna17-Lys-TTT    CCACAGACGGCG 72
chr-A9.trna13-Lys-TTT    CCACAGACGGCG 72
chr-A2.trna79-Lys-TTT    CCACAGUCGGCG 72
chr-A8.trna5-Lys-TTT     CCACAGACGGCG 72
chr-A7.trna79-Lys-TTT    CCACAGUCGGCG 72
chr-A7.trna55-Lys-TTT    CCACAGACGGCG 72
chr-A7.trna21-Lys-TTT    CCACAGUCGGCG 72
chr-A7.trna4-Lys-TTT     CCACAGACGGCG 72
chr-A3.trna10-Lys-TTT    CCACAGACGGCG 72
chr-A6.trna49-Lys-TTT    CCACAGACGGCG 72
chr-A6.trna42-Lys-TTT    CCACAGACGGCG 72
chr-A3.trna31-Lys-TTT    CCACAGACGGCG 72
chr-A5.trna52-Lys-TTT    CCACAGACGGCG 72
chr-A5.trna44-Lys-TTT    CCACAGACGGCG 72
chr-A9.trna179-Lys-TTT   CCACAGACGGCG 72
chr-A3.trna50-Lys-TTT    CCACAGACGGCG 72
chr-A2.trna13-Lys-TTT    CCACAGACGGCG 72
chr-A9.trna118-Lys-TTT   CCACAGACGGCG 72
chr-A10.trna53-Lys-TTT   CCACAGACGGCG 72
chr-A2.trna61-Lys-TTT    CCACAGUCGGCG 72
chr-A6.trna66-Lys-TTT    CCACAGACGGCG 72
chr-A6.trna37-Lys-TTT    CCACAGACGGCG 72
chr-A9.trna54-Lys-TTT    CCACAGACGGCG 72
chr-A8.trna6-Lys-TTT     CCGCAGAUGACG 72
                         .........70.
```