```
                                ..((..((.((....(((....))).((.(((((((....).)))))..).))))))..
chr-2.trna99-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGAGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-4.trna81-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGUAGAGUGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna213-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna256-Phe-GAA       --GC--GGGGU-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-2.trna57-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna215-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCGCGUGU 54
chr-7.trna181-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCGCGUGU 54
chr-11.trna250-Phe-GAA      --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCGCGUGU 54
chr-13.trna115-Phe-GAA      --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCGCGUGU 54
chr-12.trna58-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCGCGUGU 54
chr-11.trna133-Phe-GAA      --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAAACUGAAGAUCUGAA-GGUCUCGUGU 54
chr-2.trna61-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-13.trna31-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-11.trna116-Phe-GAA      --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-11.trna57-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-2.trna96-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-2.trna100-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-10.trna141-Phe-GAA      --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-10.trna131-Phe-GAA      --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-10.trna125-Phe-GAA      --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-10.trna124-Phe-GAA      --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-10.trna123-Phe-GAA      --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-2.trna101-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-2.trna102-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-10.trna52-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-2.trna103-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-2.trna104-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-2.trna119-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-13.trna58-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-9.trna25-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-15.trna106-Phe-GAA      --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-9.trna9-Phe-GAA         --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-3.trna212-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-9.trna7-Phe-GAA         --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-4.trna19-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-4.trna21-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-4.trna140-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-7.trna174-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-4.trna144-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna92-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-7.trna132-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna93-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-7.trna68-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna94-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna108-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-6.trna16-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna110-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna169-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna293-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna291-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna289-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna260-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna258-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna170-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna254-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna252-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna250-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna248-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna246-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna211-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-6.trna13-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGCCGCGUGU 54
chr-13.trna101-Phe-GAA      --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUUAGACUGAAGAUCUGAA-GGCCGCGUGU 54
chr-5.trna52-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCUCGUGU 54
chr-7.trna145-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCUCGUGU 54
chr-7.trna146-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCUCGUGU 54
chr-9.trna85-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCUCGUGU 54
chr-9.trna92-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCUCGUGU 54
chr-9.trna93-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCUCGUGU 54
chr-10.trna118-Phe-GAA      --GC--GGGGA-UAUCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-2.trna98-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-7.trna55-Phe-GAA        --GC--GAGGA-UAGCUCAGUUGGGAGAGUGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-12.trna181-Phe-GAA      --GC--GGGGA-UAGCUCAGUUGGGAGAGUGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-4.trna142-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCUGACUGAAGAUCUGAA-GGUCACGUGG 54
chr-7.trna66-Phe-GAA        --GC--GGGGA-UAACUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna122-Phe-GAA       --GC--GGGUA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-6.trna14-Phe-GAA        --GC--GGGCA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-12.trna74-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUUAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-2.trna97-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-5.trna208-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGGUCACGUGU 55
chr-15.trna104-Phe-GAA      --GC--AGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-2.trna58-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-3.trna41-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-7.trna179-Phe-GAA       --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAUAUCUGAA-GGUCACGUGU 54
chr-14.trna2-Phe-GAA        --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCGCGUGU 54
chr-11.trna55-Phe-GAA       --GC--GGGGG-UAGCUCAGUUGGGAGAGCGUUAGACUGAAGAUUUGAA-GGUCUCGUGU 54
chr-9.trna18-Phe-GAA        --GU--GGGGA-UAGCUCAGUUGGGAGAGCAUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-13.trna129-Phe-GAA      --GC--GGGGA-UAGCUCAGUUGGGAGAACGUCAGACUGAAGAUCUGAA-GGUCGCAUGU 54
chr-11.trna135-Phe-GAA      --GC--AGGGA-UAACUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCUCGUGU 54
chr-10.trna51-Phe-GAA       --UG--CGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 54
chr-11.trna56-Phe-GAA       --GC--GGGGA-UAGCUCAGUUUGGAGAGCGUUAGACUGAAGAUCUGAA-GGUCUCGUGU 54
chr-10.trna117-Phe-GAA      --GC--GGGGA-UAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAA------GGUGU 49
chr-7.trna176-Phe-GAA       GUUG--CGGGGUUAGCUCAGUUAGGAGAGCGUCAGACUGAAGAUCUGAA-GGUCACGUGU 57
chr-5.trna103-Phe-GAA       --GU--UGGGA-UAGCUCUGCUGCUAGAGUAGAGGACUGAAAACUCCUCG-UGUCACCAGU 54
chr-7.trna76-Phe-GAA        --GU--UGGGA-UAGCUCUGCUGGUAGAGUAGAGGACUGAAAAUCCUCA-UGUCACCAGU 54
chr-11.trna134-Phe-GAA      -------GGGA-UAGCUCAGUUGGGAGAACAUCAGACUGAAGAUCUGAA-GGUCUCGUGU 51
chr-9.trna8-Phe-GAA         GCAAAUAGAAAGCUAGCUCAGUUGGGAGAGCGUCAGAUUGAAGAUCUGAA-GGUCACGUGU 59
                            .........10........20........30........40........50.........

                            ......)))))))........))))...
chr-2.trna99-Phe-GAA        UCGAUCCACAUUCA------CCGCA-- 73
chr-4.trna81-Phe-GAA        UCGAUCCACAUUCA------CCGCA-- 73
chr-5.trna213-Phe-GAA       UCAAUCCACGUUCA------CCGCA-- 73
chr-5.trna256-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-2.trna57-Phe-GAA        UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna215-Phe-GAA       UCGAUCCACGCUCA------CCGCA-- 73
chr-7.trna181-Phe-GAA       UCGAUCCACGCUCA------CCGCA-- 73
chr-11.trna250-Phe-GAA      UCGAUCCACGCUCA------CCGCA-- 73
chr-13.trna115-Phe-GAA      UCGAUCCACGCUCA------CCGCA-- 73
chr-12.trna58-Phe-GAA       UCGAUCCACGCUCA------CCGCA-- 73
chr-11.trna133-Phe-GAA      UCGAUCCACGAUCA------UCGCA-- 73
chr-2.trna61-Phe-GAA        UCGAUCCACGUUCA------CCGCA-- 73
chr-13.trna31-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-11.trna116-Phe-GAA      UCGAUCCACGUUCA------CCGCA-- 73
chr-11.trna57-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-2.trna96-Phe-GAA        UCGAUCCACGUUCA------CCGCA-- 73
chr-2.trna100-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-10.trna141-Phe-GAA      UCGAUCCACGUUCA------CCGCA-- 73
chr-10.trna131-Phe-GAA      UCGAUCCACGUUCA------CCGCA-- 73
chr-10.trna125-Phe-GAA      UCGAUCCACGUUCA------CCGCA-- 73
chr-10.trna124-Phe-GAA      UCGAUCCACGUUCA------CCGCA-- 73
chr-10.trna123-Phe-GAA      UCGAUCCACGUUCA------CCGCA-- 73
chr-2.trna101-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-2.trna102-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-10.trna52-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-2.trna103-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-2.trna104-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-2.trna119-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-13.trna58-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-9.trna25-Phe-GAA        UCGAUCCACGUUCA------CCGCA-- 73
chr-15.trna106-Phe-GAA      UCGAUCCACGUUCA------CCGCA-- 73
chr-9.trna9-Phe-GAA         UCGAUCCACGUUCA------CCGCA-- 73
chr-3.trna212-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-9.trna7-Phe-GAA         UCGAUCCACGUUCA------CCGCA-- 73
chr-4.trna19-Phe-GAA        UCGAUCCACGUUCA------CCGCA-- 73
chr-4.trna21-Phe-GAA        UCGAUCCACGUUCA------CCGCA-- 73
chr-4.trna140-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-7.trna174-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-4.trna144-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna92-Phe-GAA        UCGAUCCACGUUCA------CCGCA-- 73
chr-7.trna132-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna93-Phe-GAA        UCGAUCCACGUUCA------CCGCA-- 73
chr-7.trna68-Phe-GAA        UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna94-Phe-GAA        UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna108-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-6.trna16-Phe-GAA        UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna110-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna169-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna293-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna291-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna289-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna260-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna258-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna170-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna254-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna252-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna250-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna248-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna246-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna211-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-6.trna13-Phe-GAA        UCGAUCCACGCUCA------CCGCA-- 73
chr-13.trna101-Phe-GAA      UCGAUCCACGCUCA------CCGCA-- 73
chr-5.trna52-Phe-GAA        UCGAUCCACGAUCA------CCGCA-- 73
chr-7.trna145-Phe-GAA       UCGAUCCACGAUCA------CCGCA-- 73
chr-7.trna146-Phe-GAA       UCGAUCCACGAUCA------CCGCA-- 73
chr-9.trna85-Phe-GAA        UCGAUCCACGAUCA------CCGCA-- 73
chr-9.trna92-Phe-GAA        UCGAUCCACGAUCA------CCGCA-- 73
chr-9.trna93-Phe-GAA        UCGAUCCACGAUCA------CCGCA-- 73
chr-10.trna118-Phe-GAA      UCGAUCCACGUUCA------CCGCA-- 73
chr-2.trna98-Phe-GAA        UCGAUCCACGUUCA------CCGCA-- 73
chr-7.trna55-Phe-GAA        UCGAUCCACGUUCA------CCGCA-- 73
chr-12.trna181-Phe-GAA      UCGAUCCACGUUCA------CCGCA-- 73
chr-4.trna142-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-7.trna66-Phe-GAA        UCGAUCCACGUUCA------CCGCA-- 73
chr-5.trna122-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-6.trna14-Phe-GAA        UCGAUCCACGUUCA------CCGCA-- 73
chr-12.trna74-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-2.trna97-Phe-GAA        UCGAUCCACCUUCA------CCGCA-- 73
chr-5.trna208-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 74
chr-15.trna104-Phe-GAA      UCGAUCCACGUUCA------CCGCA-- 73
chr-2.trna58-Phe-GAA        UCGGUCCACGUUCA------CCGCA-- 73
chr-3.trna41-Phe-GAA        UCGAUCCACGUUCA------CCACA-- 73
chr-7.trna179-Phe-GAA       UCGAUCCACGUUCA------CCGCA-- 73
chr-14.trna2-Phe-GAA        UCGAUCCACACUCA------CCGCA-- 73
chr-11.trna55-Phe-GAA       UCGAUCCACGAUCA------CCGCA-- 73
chr-9.trna18-Phe-GAA        UCGAUCCACGUUCA------CCGCA-- 73
chr-13.trna129-Phe-GAA      UUGAUCCAGGCUCA------CCGCA-- 73
chr-11.trna135-Phe-GAA      UCGAUCCACGAUCA------CCGCA-- 73
chr-10.trna51-Phe-GAA       UCGAUCCACGUUCAC-----CGCAU-- 74
chr-11.trna56-Phe-GAA       UUGAUCCACAAUCA------CCGCA-- 73
chr-10.trna117-Phe-GAA      UCGAUCCACGCUCA------CCGCA-- 68
chr-7.trna176-Phe-GAA       UCGAUCCACGUUCAC-----CGCAACU 79
chr-5.trna103-Phe-GAA       UCAAAUCUGGUUUCC-----UAGCA-- 74
chr-7.trna76-Phe-GAA        UC-AAUCUGGU-UCC-----UAGCA-- 72
chr-11.trna134-Phe-GAA      UCAAUCCAAUUGAAA-----CC----- 68
chr-9.trna8-Phe-GAA         UCGAUCCACGUUCACCGCAUUUUUGCU 86
                            .........70........80......
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