```
                                (((((((..((((........)))).(((((((...)))))))).....(((((.....
chr-1.trna86-Thr-AGT            GCUUUCAUAGCUCAGUUGGCUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-3.trna43-Thr-AGT            GCUUUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-4.trna24-Thr-AGT            GCUUUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-4.trna25-Thr-AGT            GCUUUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-5.trna49-Thr-AGT            GCUCUUGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-13.trna112-Thr-AGT          GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-9.trna16-Thr-AGT            GCUCUUGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-9.trna19-Thr-AGT            GCUCUUGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-9.trna20-Thr-AGT            GCUCUUGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-4.trna13-Thr-AGT            GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-5.trna2-Thr-AGT             GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-13.trna5-Thr-AGT            GCUUUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-6.trna3-Thr-AGT             GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-2.trna12-Thr-AGT            GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGAAGGUCUUGAGUUCGAC 60
chr-2.trna13-Thr-AGT            GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGAAGGUCUUGAGUUCGAC 60
chr-8.trna8-Thr-AGT             GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGAAGGUCUUGAGUUCGAC 60
chr-3.trna52-Thr-AGT            GCUUUCAUAGCUCAGGUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-9.trna18-Thr-AGT            GCUCUUGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGGGGAGGUCUUGAGUUCGAC 60
chr-9.trna17-Thr-AGT            GCUCUUGUAGCUC----GGUUGGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 56
chr-6.trna58-Thr-AGT            GCUCUCAUAGCUC----GGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCAAC 56
chr-6.trna57-Thr-AGT            GCUCUCAUAGCUC----GGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCAAC 56
chr-10.trna38-Thr-TGT           GCCCGCUUAGCUCAAA-GGUUAGAGCAUCGCAUUUGUAAUGUGAUGGUCAUCAGUUCGAU 59
chr-12.trna29-Thr-TGT           GCUCGCUUAGCUCAGA-GGUUAGAGCAUCGCAUUUGUAAUGCGAUGGUCAUCGGUUCGAU 59
chr-1.trna77-Thr-CGT            GCCUUCGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-4.trna85-Thr-CGT            GCCUCUGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-13.trna26-Thr-CGT           GCCUCCGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-7.trna30-Thr-CGT            GCCUCCGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-7.trna74-Thr-CGT            GCCUUUGUAGCAUAGU--GGUAGUGCAUUCGCUUCGUAAGCGAAAGGUCGUGAGUUCGAU 58
chr-1.trna17-Thr-TGT            GCCCUUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCCGUAGUUCGAU 58
chr-4.trna93-Thr-TGT            GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCCGUAGUUCGAU 58
chr-6.trna44-Thr-TGT            GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCCGUAGUUCGAU 58
chr-1.trna59-Thr-TGT            GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-10.trna63-Thr-TGT           GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-13.trna122-Thr-TGT          GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-12.trna78-Thr-TGT           GCCCGUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-6.trna50-Thr-TGT            GACCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-13.trna121-Thr-TGT          GUCCCUAUAGCUCAGU--GGUAGAGCGUCAAUCUUGUAAACUUAAGGUCGGUAGUUCGAU 58
chr-7.trna36-Thr-GGT            GCCCUUUUAACUCAGU--GGUAGAGUAACGACAUGGUAAGGCAUAAGUCAUCAGUUCAAA 58
chr-8.trna33-Thr-GGT            GCCCUUUUAACUCAGU--GGUAGAGUAACGCCAUGGUAAGGCGUAAGUCAUCGGUUCAAA 58
chr-7.trna93-Thr-GGT            GCCCUUUUAACUCAGU--GGUAGAGUAACGCUAUGGUAAGGCGUAAGUCAUCGGUUCAAA 58
                                .........10........20........30........40........50.........

                                .)))))))))))).
chr-1.trna86-Thr-AGT            UCUCAAUGAAAGCA 74
chr-3.trna43-Thr-AGT            UCUCAACGAAAGCA 74
chr-4.trna24-Thr-AGT            UCUCAACGAAAGCA 74
chr-4.trna25-Thr-AGT            UCUCAACGAAAGCA 74
chr-5.trna49-Thr-AGT            UCUCAACAAGAGCA 74
chr-13.trna112-Thr-AGT          UCUCAACGAGAGCA 74
chr-9.trna16-Thr-AGT            UCUCAACAAGAGCA 74
chr-9.trna19-Thr-AGT            UCUCAACAAGAGCA 74
chr-9.trna20-Thr-AGT            UCUCAACAAGAGCA 74
chr-4.trna13-Thr-AGT            UCUCAAUGAAAGCA 74
chr-5.trna2-Thr-AGT             UCUCAAUGAAAGCA 74
chr-13.trna5-Thr-AGT            UCUCAAUGAAAGCA 74
chr-6.trna3-Thr-AGT             UCUCUAUGAAAGUA 74
chr-2.trna12-Thr-AGT            UCUCAACGAGAGCA 74
chr-2.trna13-Thr-AGT            UCUCAACGAGAGCA 74
chr-8.trna8-Thr-AGT             UCUCAACGAGAGCA 74
chr-3.trna52-Thr-AGT            UCUCAAUGAAAGCA 74
chr-9.trna18-Thr-AGT            UCUCAACAAGAGCA 74
chr-9.trna17-Thr-AGT            UCUCAACAAUAGCA 70
chr-6.trna58-Thr-AGT            UCUCAACGAGAGCA 70
chr-6.trna57-Thr-AGT            UCUCAACGAGAGCA 70
chr-10.trna38-Thr-TGT           UCCGAUAGCCGGCU 73
chr-12.trna29-Thr-TGT           UCCGAUAGCCGACU 73
chr-1.trna77-Thr-CGT            CCUCGCCGAGGGCU 72
chr-4.trna85-Thr-CGT            CCUCGCCAGGGGCU 72
chr-13.trna26-Thr-CGT           CCUCGCCGGGGGCU 72
chr-7.trna30-Thr-CGT            CCUCGCCGGGGGCU 72
chr-7.trna74-Thr-CGT            CCUCGCCAGAGGCU 72
chr-1.trna17-Thr-TGT            CCUGCGUGAGGGCA 72
chr-4.trna93-Thr-TGT            CCUGCGUGGGGGCA 72
chr-6.trna44-Thr-TGT            CCUGCGUGGGGGCA 72
chr-1.trna59-Thr-TGT            CCUGCAUGGGGGCA 72
chr-10.trna63-Thr-TGT           CCUGCAUGGGGGCA 72
chr-13.trna122-Thr-TGT          CCUGCAUGGGGGCA 72
chr-12.trna78-Thr-TGT           CCUGCAUGGGGGCA 72
chr-6.trna50-Thr-TGT            CCUGCAUGGGGGCA 72
chr-13.trna121-Thr-TGT          CCUGCAUAGGGGCA 72
chr-7.trna36-Thr-GGT            UCUGAUAAAGGGCU 72
chr-8.trna33-Thr-GGT            UCCGAUAAGGGGCU 72
chr-7.trna93-Thr-GGT            UUCAAUAAAGGGCU 72
                                .........70...
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