```
                         (((((((..((((.........)))).(((((((...))))))).....(((((.....
chr-6.trna76-Thr-TGT     GCCCUUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCCGCAGUUCGAU 58
chr-6.trna75-Thr-TGT     GCCUUUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCCGCAGUUCGAU 58
chr-6.trna47-Thr-TGT     GCCCUUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCCGUAGUUCGAU 58
chr-3.trna54-Thr-TGT     GCCCUUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCCGUAGUUCGAU 58
chr-2.trna27-Thr-TGT     GCCCCUAUAGCUCAGU--GGUAGAGCGCCAGUCUUGUAAACUGGAGGUCUGUAGUUCGAU 58
chr-3.trna40-Thr-TGT     GCCCCUAUAGCUCAGU--GGUAGAGCGCCAGUCUUGUAAACUGGAGGUCUGUAGUUCGAU 58
chr-4.trna18-Thr-TGT     GCCCCUAUAGCUCAGU--GGUAGAGCGCCAGUCUUGUAAACUGGAGGUCUGUAGUUCGAU 58
chr-5.trna8-Thr-TGT      GCCCCUAUAGCUCAGU--GGUAGAGCGCCAGUCUUGUAAACUGGAGGUCUGUAGUUCGAU 58
chr-2.trna47-Thr-TGT     GCCCGUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-12.trna2-Thr-TGT     GCCCGUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-12.trna68-Thr-CGT    GCCUCCGUAGCAUAGU--GGUAUUGCGUUCGCUUCGUAAGCGAAAGGCCGCGAGUUCGAU 58
chr-2.trna52-Thr-CGT     GCUUCCGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-3.trna33-Thr-CGT     GCCUCCGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-6.trna44-Thr-CGT     GCCUCCGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-10.trna55-Thr-AGT    GCUCCCGUAGCUCAGUUGGUUAGAGAACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-1.trna50-Thr-AGT     GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-12.trna16-Thr-AGT    GCUCUCGUAGCUCAGUCGGUUAGAGCACCUGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-2.trna28-Thr-AGT     GCUCUUGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-12.trna46-Thr-AGT    GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-2.trna43-Thr-AGT     GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-3.trna15-Thr-AGT     GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-7.trna49-Thr-AGT     GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-8.trna18-Thr-AGT     GCUCUUGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-8.trna77-Thr-AGT     GCUCUUGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-11.trna9-Thr-AGT     GCUCUUGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-10.trna5-Thr-AGT     GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-12.trna31-Thr-AGT    GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-8.trna19-Thr-AGT     GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-6.trna90-Thr-AGT     GCUCUCAUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-12.trna14-Thr-AGT    GCUCUCACAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-10.trna88-Thr-GGT    GCCUUUUUAACUCAGU--GGUAGAGUAACUCCAUGGUAAGGUGUAAGUCAUCGGUUCAAA 58
chr-11.trna44-Thr-GGT    GCCCUUUUAACUCAGU--GAUAGAGUAACGCCAUGGUAAGGCAUAAGUCAUCGGUUCAAA 58
                         .........10.........20.........30.........40.........50.........

                         .)))))))))))).
chr-6.trna76-Thr-TGT     CCUGCGUGAGGGCA 72
chr-6.trna75-Thr-TGT     CCUGCGUGAGGGCA 72
chr-6.trna47-Thr-TGT     CCUGCGUGAGGGCA 72
chr-3.trna54-Thr-TGT     CCUGCGUGAGGGCA 72
chr-2.trna27-Thr-TGT     CCUGCAUGGGGGCA 72
chr-3.trna40-Thr-TGT     CCUGCAUGGGGGCA 72
chr-4.trna18-Thr-TGT     CCUGCAUGGGGGCA 72
chr-5.trna8-Thr-TGT      CCUGCAUGGGGGCA 72
chr-2.trna47-Thr-TGT     CCUGCAUGUGGGCA 72
chr-12.trna2-Thr-TGT     CCUGCAUGUGGGCA 72
chr-12.trna68-Thr-CGT    CCUCGCCGGGGGCU 72
chr-2.trna52-Thr-CGT     CCUCGCCGGGAGCU 72
chr-3.trna33-Thr-CGT     CCUCGCCGGGGGCU 72
chr-6.trna44-Thr-CGT     CCUCGCCGGGGGCU 72
chr-10.trna55-Thr-AGT    UCUUAACGAGAGCA 74
chr-1.trna50-Thr-AGT     UCUCAACGAGAGCA 74
chr-12.trna16-Thr-AGT    UCUCAACGAGAGCA 74
chr-2.trna28-Thr-AGT     UCUCAACAAGAGCA 74
chr-12.trna46-Thr-AGT    UCUCAACGAGAGCA 74
chr-2.trna43-Thr-AGT     UCUCAACGAGAGCA 74
chr-3.trna15-Thr-AGT     UCUCAACGAGAGCA 74
chr-7.trna49-Thr-AGT     UCUCAACGAGAGCA 74
chr-8.trna18-Thr-AGT     UCUCAACAAGAGCA 74
chr-8.trna77-Thr-AGT     UCUCAACAAGAGCA 74
chr-11.trna9-Thr-AGT     UCUCAACAAGAGCA 74
chr-10.trna5-Thr-AGT     UCUCAACGAGAGCA 74
chr-12.trna31-Thr-AGT    UCUCAAUGAAAGCA 74
chr-8.trna19-Thr-AGT     UCUCAAUGAAAGCA 74
chr-6.trna90-Thr-AGT     UCUCAAUGAAAGCA 74
chr-12.trna14-Thr-AGT    UCUCAACGAGAGCA 74
chr-10.trna88-Thr-GGT    UUCGAUAAGGGGCU 72
chr-11.trna44-Thr-GGT    UCCGAUAAGGGGCU 72
                         .........70...

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