```
                                 (((((((..((((.........)))).(((((((...))))))).....(((((.....
chr-3.trna31-Thr-CGT    GCUUCCGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-3.trna32-Thr-CGT    GCUUCCGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-12.trna24-Thr-CGT   GCUUCCAUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-5.trna23-Thr-CGT    GCUUCCAUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-10.trna42-Thr-CGT   GCUCCCGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCACGAGUUCGAU 58
chr-2.trna107-Thr-AGT   GCCCCUUUAACUCAGU--GGUAGAGUAACGCCAUAGUAAGGCGUAAGUCAUCGCUUCAAA 58
chr-12.trna17-Thr-TGT   GCCCCUAUGGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCCGUAGUUCGAU 58
chr-10.trna19-Thr-TGT   GCCCUUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCCGUAGUUCGAU 58
chr-2.trna64-Thr-TGT    GCCCCUAUAGCUCAGU--GGCAGAGCGUUAGUCUUGUAAACUAAAGGUCUGUAGUUCAAU 58
chr-11.trna21-Thr-TGT   GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-3.trna17-Thr-TGT    GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-10.trna48-Thr-TGT   GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-8.trna9-Thr-TGT     GCCUCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-3.trna22-Thr-TGT    GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-10.trna49-Thr-TGT   GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-5.trna53-Thr-AGT    GCUCUCAUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCAAC 60
chr-5.trna61-Thr-AGT    GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCAAC 60
chr-6.trna25-Thr-AGT    GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCAAC 60
chr-2.trna93-Thr-AGT    GCUUUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-12.trna23-Thr-AGT   GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-3.trna5-Thr-AGT     GCUUUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-3.trna35-Thr-AGT    GCUUUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-6.trna5-Thr-AGT     GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-9.trna8-Thr-AGT     GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-5.trna39-Thr-AGT    GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-2.trna47-Thr-AGT    GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-12.trna28-Thr-AGT   GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-5.trna54-Thr-AGT    GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGCCUUGAGUUCGAC 60
                        .........10........20........30........40........50.........

                        .)))))))))))).
chr-3.trna31-Thr-CGT    CCUCGCCGGGAGCU 72
chr-3.trna32-Thr-CGT    CCUCGCCGGGAGCU 72
chr-12.trna24-Thr-CGT   CCUCGCUGGGAGCU 72
chr-5.trna23-Thr-CGT    CCUCGCUGGGAGCU 72
chr-10.trna42-Thr-CGT   CCUCGUCGGGGGCU 72
chr-2.trna107-Thr-AGT   UCUGAUAAGGGGCU 72
chr-12.trna17-Thr-TGT   CCUGCGUGGGGGCA 72
chr-10.trna19-Thr-TGT   CCUGCGUGAGGGCA 72
chr-2.trna64-Thr-TGT    CCUGCAUGGGGGCA 72
chr-11.trna21-Thr-TGT   CCUGCAUGGGGGCA 72
chr-3.trna17-Thr-TGT    CCUGCAUGGGGGCA 72
chr-10.trna48-Thr-TGT   CCUGCAUGGGGGCA 72
chr-8.trna9-Thr-TGT     CCUGCAUGGAGGCA 72
chr-3.trna22-Thr-TGT    CCUGCAUGGGGGCA 72
chr-10.trna49-Thr-TGT   CCUGCAUGGGGGCA 72
chr-5.trna53-Thr-AGT    UCUCAAUGAGAGCA 74
chr-5.trna61-Thr-AGT    UCUCAAUGAAAGCA 74
chr-6.trna25-Thr-AGT    UCUCAAUGAAAGCA 74
chr-2.trna93-Thr-AGT    UCUCAACGAAAGCA 74
chr-12.trna23-Thr-AGT   UCUCAACGAGAGCA 74
chr-3.trna5-Thr-AGT     UCUCAACGAAAGCA 74
chr-3.trna35-Thr-AGT    UCUCAACGAAAGCA 74
chr-6.trna5-Thr-AGT     UCUCAACGAGAGCA 74
chr-9.trna8-Thr-AGT     UCUCAACGAGAGCA 74
chr-5.trna39-Thr-AGT    UCUCAAUGAAAGCA 74
chr-2.trna47-Thr-AGT    UCUCAAUGAAAGCA 74
chr-12.trna28-Thr-AGT   UCUCAAUGAAAGCA 74
chr-5.trna54-Thr-AGT    UCUCAAUGAGAGCA 74
                        .........70...

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