```
                                                  (((((((..((((.........)))).(((((((...)))))))).....(((((.....
chr-20.trna2-Thr-CGT    GCCUCCGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-20.trna1-Thr-CGT    GCCUCCGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-11.trna45-Thr-CGT   GCCUCCGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-12.trna16-Thr-CGT   GCCUCCGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-10.trna9-Thr-CGT    GCUUCCAUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-15.trna12-Thr-GGT   ACCCUUUUAACUCAGU--GGUAGAGUAACGCCAUGGUAAGGCAUAAGUCAUCGGUUCAAA 58
chr-6.trna19-Thr-GGT    GCCCUUUUAACUCAGU--GGUAGAGUAACGCCAUGGUAAGGUGUAAGUCAUUGGUUCAAA 58
chr-20.trna14-Thr-GGT   GCCCUUUUAACUCAAU--GGUAGAGUAACGCCAUGGUAAGGCGUAAGUCAUCGGUUCAAA 58
chr-17.trna64-Thr-GGT   GCCCUUUUAACUCAAU--GGUAGAGUAACGCCAUGGUAAGGCGUAAGUCAUCGGUUCAAA 58
chr-19.trna28-Thr-GGT   GCCCUUUUAACUCAGU--GGUAGAGUAACGCCAUGGUAAGGCGUAUGUCAUCGAUUCAAA 58
chr-22.trna2-Thr-AGT    GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-4.trna10-Thr-AGT    GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-6.trna4-Thr-AGT     GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-10.trna17-Thr-AGT   GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-6.trna20-Thr-AGT    GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-7.trna20-Thr-TGT    GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCUGCAGUUCGAU 58
chr-14.trna13-Thr-TGT   GCCCCUAUAGCUCAGU--GGUAGAGCGUUAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-12.trna19-Thr-TGT   GCCUGCUUAGCUCAGA-GGUUAGAGCAUCGCAUUUGUAAUGCGAUGGUCAUUGAUUUGAU 59
chr-17.trna21-Thr-TGT   GCCUGCUUAGCUUAGA-GGUUAGAGCAUCGCAUUUGUAAUGCGAUGGUCAUUGGUUCGAU 59
chr-1.trna13-Thr-TGT    GUCUGCUUAGCUCAGA-GGUUAGAGCAUCGCAUUUGUAAUGCGAUGGUCAUCGGUUUGAU 59
chr-1.trna11-Thr-TGT    GCCUGCUUAGCUCAGA-GGUUAGAGCAUCGCAUUUGUAAUGCGAUGGUCAUCGGUUUGAU 59
chr-11.trna23-Thr-TGT   GCCUGCUUAGCUCAGA-GGUUAGAGCAUCGCAUUUGUAAUGCGAUGGUCAUCGGUUCGAU 59
chr-17.trna40-Thr-TGT   GCCUACUUAGCUCAGA-GGUUAGAGCAUCGCAUUUGUAAUGCGAUGGUCAUCGGUUUGAU 59
chr-19.trna14-Thr-TGT   GCUUGCUUAGCUCAGA-GGUUAGAGCAUUGCAUUUGUAAUGCGAUGGUCAUCAGUUCAAU 59
chr-11.trna14-Thr-TGT   GCCUGCUUAGCUCAGA-GGUUAGAGCAUCGCAUUUGUAAUGCGAUGGUCAUCGGUUUAAU 59
chr-1.trna14-Thr-TGT    GCCUGGUUAGCUCAGA-GGUUAGAGCGUCGCAUUUGUAAUGCGAUGAUCAUCAAUUCGAU 59
chr-1.trna34-Thr-TGT    GCCUGCUUAGCUCAGA-GGUUAGAGCAUCGCAUUUGUAAUGCGAUGGUCAUCGCCUCUAU 59
chr-1.trna35-Thr-TGT    GCCUGCUUAGCUCAGA-GGUUAGAGCAUCGCAUUUGUAAUGCGAUGGUCAUCGCCUCUAU 59
chr-17.trna53-Thr-GGT   GCCCUUUUAACUUAGU--GGUAGAGUAAUGCCAUGGUAAGGCGUAGGUCAUCGGUUCAAA 58
chr-17.trna58-Thr-GGT   ACCCUUUUAACUCAAU--GGUAGAGUAACACCAUGGUAAGGCGUAAGUCAUCGGUUCAAA 58
chr-11.trna3-Thr-AGT    GAGAAUGUAGCUCAGAUAG-UAGAGCGCUUACUUAGUAUGUGAGAGGUACGGGGAUUGAU 59
chr-18.trna17-Thr-CGT   GUUAUUCUAACUCAGU-GGUUAGAGUAUUGCUUUCGUACAGCGCGAGUCAUUGGUUCUAA 59
chr-14.trna17-Thr-GGT   GCCCUUUUAACUCAGU--GGUAGAGUAACGCUAUGGUAAGGCGUAAGUCAUCGGUUCAAA 58
                        .........10........20........30........40........50.........
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                        .))))..........)))))......))).
chr-20.trna2-Thr-CGT    CCUCG----------CCGGG------GGCU 72
chr-20.trna1-Thr-CGT    CCUCG----------CCGGG------GGCU 72
chr-11.trna45-Thr-CGT   CCUCG----------CCGGG------GGCU 72
chr-12.trna16-Thr-CGT   CCUCG----------CCGGG------GGCU 72
chr-10.trna9-Thr-CGT    CCUCG----------CUGGG------AGUU 72
chr-15.trna12-Thr-GGT   UCCGA----------UAAAG------GGCU 72
chr-6.trna19-Thr-GGT    UCCAA----------UAAGG------GGCU 72
chr-20.trna14-Thr-GGT   UCCGA----------UAAGG------GGCU 72
chr-17.trna64-Thr-GGT   UCCGA----------UAAGG------GGCU 72
chr-19.trna28-Thr-GGT   UCCGA----------UAAGG------GGCU 72
chr-22.trna2-Thr-AGT    UCUCA----------ACGAG------AGCA 74
chr-4.trna10-Thr-AGT    UCUCA----------ACGAG------AGCA 74
chr-6.trna4-Thr-AGT     UCUCA----------ACGAG------AGCA 74
chr-10.trna17-Thr-AGT   UCUCA----------ACGAG------AGCA 74
chr-6.trna20-Thr-AGT    UCUCA----------AUGAA------AGCA 74
chr-7.trna20-Thr-TGT    CCUGC----------AUGGG------GGCA 72
chr-14.trna13-Thr-TGT   CCUGU----------AUGGG------GGCA 72
chr-12.trna19-Thr-TGT   UCCGA----------UAGCU------GGCU 73
chr-17.trna21-Thr-TGT   UCUGA----------UAGUU------GGCC 73
chr-1.trna13-Thr-TGT    UCCGA----------UAGCC------AGCU 73
chr-1.trna11-Thr-TGT    UCCGA----------UAGCC------AGCU 73
chr-11.trna23-Thr-TGT   UCUGA----------UAGCC------GGCU 73
chr-17.trna40-Thr-TGT   UCCGA----------UAGCC------GGCU 73
chr-19.trna14-Thr-TGT   UCCGA----------UAGCU------GGCU 73
chr-11.trna14-Thr-TGT   UCCAA----------UAGCC------AGCU 73
chr-1.trna14-Thr-TGT    UCUGA----------UAGCC------GGCU 73
chr-1.trna34-Thr-TGT    UCCGA----------UAGCCAGCA--GGCA 77
chr-1.trna35-Thr-TGT    UCCGA----------UAGCCAGCA--GGCA 77
chr-17.trna53-Thr-GGT   UCUGA----------UAAGC------GGCU 72
chr-17.trna58-Thr-GGT   UCCGA----------UAAGC------GACU 72
chr-11.trna3-Thr-AGT    ACCCC----------GCAACUCCAUUUUUG 79
chr-18.trna17-Thr-CGT   UCCAA----------UAGUAGGUA-GAACU 78
chr-14.trna17-Thr-GGT   UGUCACUCCAUCAAUCCUAGGUUGAGGGCA 88
                        .........70........80.........
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