```
                        ((((((((((((.............(((((.......)))))))))))(((((.......)
chr-2.trna6-Gly-CCC     GCGCAGCUGGUGUAGUGGU-AUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-27.trna6-Gly-CCC    GCGCAGCUGGUGUAGUGGU-AUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-3.trna21-Gly-CCC    GCGCAGCUGGUGUAGUGGU-AUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-23.trna10-Gly-CCC   GCGCAGCUGGUGUAGUGGU-AUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-2.trna4-Gly-CCC     GCGCAGCUGGUGUAGUGGU-AUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-2.trna5-Gly-CCC     GCGCAGCUGGUGUAGUGGU-AUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-2.trna9-Gly-CCC     GCGCAGCUGGUGUAGUGGU-AUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-23.trna5-Gly-CCC    GCGCAGCUGGUGUAGUGGC-AUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-11.trna9-Gly-CCC    GCGAAGCUGGUGUAGUGGU-AUCUUAGUACCCUCCCACGGUACUGACCGUGGUUUGAUUC 59
chr-1.trna12-Gly-CCC    GCGCAGCUGGUGUAGUGGU-UUCACAGUAACCUCCCACGGUACUGACCGGGGUUCGGUUC 59
chr-2.trna2-Gly-GCC     GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-2.trna11-Gly-GCC    GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-21.trna27-Gly-GCC   GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-21.trna25-Gly-GCC   GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-21.trna23-Gly-GCC   GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-21.trna17-Gly-GCC   GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-21.trna6-Gly-GCC    GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-21.trna5-Gly-GCC    GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-21.trna3-Gly-GCC    GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-20.trna14-Gly-GCC   GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-20.trna6-Gly-GCC    GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-19.trna21-Gly-GCC   GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-19.trna6-Gly-GCC    GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-16.trna4-Gly-GCC    GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-12.trna19-Gly-GCC   GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-12.trna17-Gly-GCC   GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-12.trna7-Gly-GCC    GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-12.trna5-Gly-GCC    GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-8.trna2-Gly-GCC     GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-21.trna29-Gly-GCC   GCACCGGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-1.trna4-Gly-GCC     GCACCGGUGGUCUAGUGGG-AGCGAAGUAUCCUGCCACGGUACAGACCCGGGAUUGAUCC 59
chr-2.trna13-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUGGACCCGGGUUCGACUC 60
chr-2.trna14-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUGGACCCGGGUUCGACUC 60
chr-27.trna7-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUGGACCCGGGUUCGACUC 60
chr-5.trna27-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUGGACCCGGGUUCGACUC 60
chr-27.trna5-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUGGACCCGGGUUCGACUC 60
chr-26.trna22-Gly-TCC   GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUGGACCCGGGUUCGACUC 60
chr-26.trna20-Gly-TCC   GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUGGACCCGGGUUCGACUC 60
chr-23.trna2-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUGGACCCGGGUUCGACUC 60
chr-23.trna3-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUGGACCCGGGUUCGACUC 60
chr-23.trna4-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUGGACCCGGGUUCGACUC 60
chr-10.trna6-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUGGACCCGGGUUCGACUC 60
chr-10.trna13-Gly-TCC   GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUGGACCCGGGUUCGACUC 60
chr-4.trna20-Gly-TCC    GCGUUUGUAGUCCAACGGCCAGGAUAAUUACCUUCCAAGCAAUGGACCCGUGUCCGACUC 60
chr-4.trna3-Gly-TCC     UCGUUUGUAGUCCAACGGUCAGGAUAAUUGCCUUCCGAGCAAUGAACCUGGGUUUGACUC 60
                        .........10........20........30........40........50.........

                        ))))))))))).
chr-2.trna6-Gly-CCC     CCCGGCUGCGCA 71
chr-27.trna6-Gly-CCC    CCCGGCUGCGCA 71
chr-3.trna21-Gly-CCC    CCCGGCUGCGCA 71
chr-23.trna10-Gly-CCC   CCCGGCUGCGCA 71
chr-2.trna4-Gly-CCC     CCUGGCUGCGCA 71
chr-2.trna5-Gly-CCC     CCUGGCUGCGCA 71
chr-2.trna9-Gly-CCC     CCUGGCUGCGCA 71
chr-23.trna5-Gly-CCC    CCCGGCUGCGCA 71
chr-11.trna9-Gly-CCC    CCCGGCUGCGCA 71
chr-1.trna12-Gly-CCC    CCCGGCUGCGCA 71
chr-2.trna2-Gly-GCC     CCGGCCGGUGCA 71
chr-2.trna11-Gly-GCC    CCGGCCGGUGCA 71
chr-21.trna27-Gly-GCC   CCGGCCGGUGCA 71
chr-21.trna25-Gly-GCC   CCGGCCGGUGCA 71
chr-21.trna23-Gly-GCC   CCGGCCGGUGCA 71
chr-21.trna17-Gly-GCC   CCGGCCGGUGCA 71
chr-21.trna6-Gly-GCC    CCGGCCGGUGCA 71
chr-21.trna5-Gly-GCC    CCGGCCGGUGCA 71
chr-21.trna3-Gly-GCC    CCGGCCGGUGCA 71
chr-20.trna14-Gly-GCC   CCGGCCGGUGCA 71
chr-20.trna6-Gly-GCC    CCGGCCGGUGCA 71
chr-19.trna21-Gly-GCC   CCGGCCGGUGCA 71
chr-19.trna6-Gly-GCC    CCGGCCGGUGCA 71
chr-16.trna4-Gly-GCC    CCGGCCGGUGCA 71
chr-12.trna19-Gly-GCC   CCGGCCGGUGCA 71
chr-12.trna17-Gly-GCC   CCGGCCGGUGCA 71
chr-12.trna7-Gly-GCC    CCGGCCGGUGCA 71
chr-12.trna5-Gly-GCC    CCGGCCGGUGCA 71
chr-8.trna2-Gly-GCC     CCGGCCGGUGCA 71
chr-21.trna29-Gly-GCC   CCGGCCGGUGCA 71
chr-1.trna4-Gly-GCC     CCGGCCGGUGCA 71
chr-2.trna13-Gly-TCC    CCGGCAAACGCA 72
chr-2.trna14-Gly-TCC    CCGGCAAACGCA 72
chr-27.trna7-Gly-TCC    CCGGCAAACGCA 72
chr-5.trna27-Gly-TCC    CCGGCAAACGCA 72
chr-27.trna5-Gly-TCC    CCGGCAAACGCA 72
chr-26.trna22-Gly-TCC   CCGGCAAACGCA 72
chr-26.trna20-Gly-TCC   CCGGCAAACGCA 72
chr-23.trna2-Gly-TCC    CCGGCAAACGCA 72
chr-23.trna3-Gly-TCC    CCGGCAAACGCA 72
chr-23.trna4-Gly-TCC    CCGGCAAACGCA 72
chr-10.trna6-Gly-TCC    CCGGCGAACGCA 72
chr-10.trna13-Gly-TCC   CCGGCGAACGCA 72
chr-4.trna20-Gly-TCC    CCGGCAAACGCA 72
chr-4.trna3-Gly-TCC     CCUGCAAAUGCA 72
                        .........70.
```