```
                                (((((((..((((.............)))).(((((.......)))))).....(((((...
chr-1.trna467-Cys-GCA    GGCGGCAUGGCCA-----AGUGGUAAGGCACGGGACCGCAAAUCCUU-UAUCCCCAGUUC 54
chr-11.trna129-Cys-GCA   GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-2.trna94-Cys-GCA     GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-12.trna476-Cys-GCA   GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-8.trna348-Cys-GCA    GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-2.trna115-Cys-GCA    GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-2.trna119-Cys-GCA    GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-2.trna127-Cys-GCA    GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-14.trna533-Cys-GCA   GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-3.trna181-Cys-GCA    GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-13.trna179-Cys-GCA   GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-6.trna65-Cys-GCA     GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-6.trna126-Cys-GCA    GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-6.trna204-Cys-GCA    GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-10.trna453-Cys-GCA   GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-10.trna458-Cys-GCA   GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-12.trna339-Cys-GCA   GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-9.trna224-Cys-GCA    GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-12.trna83-Cys-GCA    GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-10.trna468-Cys-GCA   GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-2.trna215-Cys-GCA    GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCUCAGUUC 54
chr-7.trna544-Cys-GCA    GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUU 54
chr-6.trna584-Cys-GCA    GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUU 54
chr-6.trna68-Cys-GCA     GGCGGCAUGGACA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-14.trna409-Cys-GCA   GGCGGCAUGGUCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCUAGUUC 54
chr-2.trna397-Cys-GCA    GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGAUUGCAAAUCCUU-UACCCCCAGUUC 54
chr-4.trna209-Cys-GCA    GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACGGCAAAUCCUU-UAUCCCCAGUUC 54
chr-4.trna387-Cys-GCA    GGCGGCAUGGCCA-----AGCAGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-10.trna104-Cys-GCA   GGCGGCAUGGCCA-----AGCAGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-5.trna483-Cys-GCA    GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-6.trna411-Cys-GCA    GGCAGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCUAGUUC 54
chr-3.trna25-Cys-GCA     GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-6.trna10-Cys-GCA     GGCGGCAUGG-CA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 53
chr-2.trna161-Cys-GCA    GGCGGCAUGGCCA-----A-CGGUAAGGCAUGGGACUGCAAAUCCUU-UAUCCCCAGUUC 53
chr-7.trna460-Cys-GCA    GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCC-AGUUC 53
chr-8.trna209-Cys-GCA    GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCC-AGUUC 53
chr-1.trna447-Cys-GCA    GGCAGCAUGGCCA-----AGCGGUAAGGCACGGGACUGCAAAUCCUU-UAUCUCUAGUUA 54
chr-6.trna755-Cys-GCA    GGCAUGGUGGCCA-----AGCGGUAAUGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-9.trna318-Cys-GCA    UGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCACAUCCUU-UAUCCCCGGUUC 54
chr-7.trna645-Cys-GCA    GGCGGCAUGGCCA-----AGCGGUAAGGCAGGGGACUGCAAAUCCUU-UAUCCCCAGUUC 54
chr-12.trna31-Cys-GCA    GCACCAGUGGUCU-----AGUGGUAGAAUAGUACCCUGCAACGGUAC-AGACCUGGGUUC 54
chr-10.trna347-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACUGGUUC 55
chr-7.trna169-Cys-GCA    GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUU 55
chr-7.trna414-Cys-GCA    GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUU 55
chr-10.trna301-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUU 55
chr-5.trna30-Cys-GCA     GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-5.trna31-Cys-GCA     GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-5.trna415-Cys-GCA    GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-6.trna675-Cys-GCA    GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-12.trna456-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-12.trna410-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-12.trna409-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-6.trna736-Cys-GCA    GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-7.trna168-Cys-GCA    GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-7.trna174-Cys-GCA    GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-7.trna412-Cys-GCA    GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-11.trna403-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-11.trna323-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-11.trna321-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-8.trna330-Cys-GCA    GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-9.trna512-Cys-GCA    GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-9.trna513-Cys-GCA    GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-10.trna321-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-10.trna436-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-10.trna343-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-10.trna357-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-10.trna426-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-5.trna29-Cys-GCA     GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-10.trna329-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACUGGUGC 55
chr-10.trna293-Cys-GCA   GGGUCCAUAGCUU-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-7.trna417-Cys-GCA    GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCAGUUC 55
chr-12.trna408-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUU 55
chr-3.trna122-Cys-GCA    GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGCCAUCGGUUC 55
chr-6.trna739-Cys-GCA    GGGUCCAUAGCUC-----AGUAGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUCC 55
chr-6.trna741-Cys-GCA    GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCAUCGGUUC 55
chr-10.trna434-Cys-GCA   GGGCCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCAUCGGUUC 55
chr-10.trna339-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUGGGUCAACGGUUC 55
chr-6.trna740-Cys-GCA    GGGUUCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACUUGUUC 55
chr-10.trna433-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAACAGGUCACUGGUUC 55
chr-7.trna418-Cys-GCA    GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACUGGUUC 55
chr-10.trna310-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACUGGUUC 55
chr-10.trna430-Cys-GCA   GGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUUAAUAGGUCACUGGUUU 55
chr-10.trna431-Cys-GCA   GGAUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-6.trna742-Cys-ACA    CGGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUACAGAUCAAUAGGUCACCGGUUC 55
chr-7.trna171-Cys-GCA    GGGUCCAUAGCUC-----AGUGGUUGAGCAAUUGACUGCAGAUCAAUAGGCCACUGGUUU 55
chr-7.trna172-Cys-GCA    GGGUCCAUAGCUC-----AGUGGUUGAGCAAUUGACUGCAGAUCAAUACGUCACUGGUUU 55
chr-10.trna429-Cys-GCA   GGGCCCAUAGCUC-----AGUAUUAGAGCAAUUGAUAGCAGAUCAAUAGGUCACCGGUUC 55
chr-6.trna738-Cys-GCA    GUGUCCAUAGCUC-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUCC 55
chr-7.trna415-Cys-GCA    GGGUCCAUAUCUU-----AGUGGUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 55
chr-5.trna28-Cys-GCA     GGGUUCAUAGCUC-----AUUGGUAGAGCAAUUGGUUGCAGAUCAAUAGGUCACCAGUUC 55
chr-7.trna173-Cys-GCA    GGACCCACUGCUUUUGCUGUUGUUAGAGCAAUUGACUGCAGAUCAAUAGGUCACCGGUUC 60
chr-10.trna74-Cys-ACA    GGGCCUGUAGCUC---AGACGGUUAGAGCACGUGGCUACAAACCACAGUGUCGGGGGUUU 57
chr-13.trna1-Cys-GCA     GGCAACUUGGAUGUUGUUA-CGGUAAGGCAAGGGACUGCAAAUCCUU-UAUCCCCAGUUC 58
chr-1.trna304-Cys-ACA    GCGCUCUUAGUUC---ACUUCGGUAGAACGCUGGUCUACAAAACCUGAUGUCAUAGGUUC 57
chr-1.trna197-Cys-ACA    GACUCUAUGGCCC----AAUGGAUAAGGCGCUGGUCUACAAAACCAGAGAUUCUGGGUUC 56
                         .........10........20........30........40........50.........

                         ....)))))))))...)).....).
chr-1.trna467-Cys-GCA    AAAUCUGGGUGCC---GC-----CU 71
chr-11.trna129-Cys-GCA   AAAUCUGGGGGUC---GC-----CU 71
chr-2.trna94-Cys-GCA     AAAUCUGGGUGUC---GC-----CU 71
chr-12.trna476-Cys-GCA   AAAUCUGGGUGCC---GC-----CU 71
chr-8.trna348-Cys-GCA    AAAUCUGGGUGCC---GC-----CU 71
chr-2.trna115-Cys-GCA    AAAUCUGGGUGUC---GC-----CU 71
chr-2.trna119-Cys-GCA    AAAUCUGGGUGUC---GC-----CU 71
chr-2.trna127-Cys-GCA    AAAUCUGGGUGUC---GC-----CU 71
chr-14.trna533-Cys-GCA   AAAUCUGGGUGUC---GC-----CU 71
chr-3.trna181-Cys-GCA    AAAUCUGGGUGUC---GC-----CU 71
chr-13.trna179-Cys-GCA   AAAUCUGGGUGUC---GC-----CU 71
chr-6.trna65-Cys-GCA     AAAUCUGGGUGUC---GC-----CU 71
chr-6.trna126-Cys-GCA    AAAUCUGGGUGUC---GC-----CU 71
chr-6.trna204-Cys-GCA    AAAUCUGGGUGUC---GC-----CU 71
chr-10.trna453-Cys-GCA   AAAUCUGGGUGUC---GC-----CU 71
chr-10.trna458-Cys-GCA   AAAUCUGGGUGUC---GC-----CU 71
chr-12.trna339-Cys-GCA   AAAUCUGGGUGUC---GC-----CU 71
chr-9.trna224-Cys-GCA    AAAUCUGGGUGUC---GC-----CU 71
chr-12.trna83-Cys-GCA    AAAUCUGGGUGUC---GC-----CU 71
chr-10.trna468-Cys-GCA   AAAUCUGGGUGUC---GC-----CU 71
chr-2.trna215-Cys-GCA    AAAUCUGGGUGUC---GC-----CU 71
chr-7.trna544-Cys-GCA    AAAUCUGGGUGUC---GC-----CU 71
chr-6.trna584-Cys-GCA    AAAUCUGGGUGUC---GC-----UU 71
chr-6.trna68-Cys-GCA     AAAUCUGGGUGUC---GC-----CU 71
chr-14.trna409-Cys-GCA   AAAUCUGGGUGCC---GC-----CU 71
chr-2.trna397-Cys-GCA    AAAUCUGGGUGUC---GC-----CU 71
chr-4.trna209-Cys-GCA    AAAUCUGGGUGUC---GC-----CU 71
chr-4.trna387-Cys-GCA    AAAUCUGGGUGUC---GC-----CU 71
chr-10.trna104-Cys-GCA   AAAUCUGGGUGCC---GC-----CU 71
chr-5.trna483-Cys-GCA    AAAUCUGGGUGGC---GU-----CA 71
chr-6.trna411-Cys-GCA    AAAUCUGGGUGCC---GC-----CU 71
chr-3.trna25-Cys-GCA     -AAUCUGGGUGCU---GC-----CU 70
chr-6.trna10-Cys-GCA     AAAUCUGGGUGUC---GC-----CU 70
chr-2.trna161-Cys-GCA    AAAUCUGGGUGUC---GC-----CU 70
chr-7.trna460-Cys-GCA    AAAUCUGGGUGCC---GC-----CU 70
chr-8.trna209-Cys-GCA    CAAUCGGGGUGUC---GC-----CU 70
chr-1.trna447-Cys-GCA    AAAUCUGGGUGUC---GC-----UU 71
chr-6.trna755-Cys-GCA    AAAUCUGGGUGUC---GC-----CU 71
chr-9.trna318-Cys-GCA    AAA--UGGGUGCC---GC-----CU 69
chr-7.trna645-Cys-GCA    AAAUCUGGGUGCC---GCGUGAUCA 76
chr-12.trna31-Cys-GCA    GAUUCUCGGCUGG---UG-----CA 71
chr-10.trna347-Cys-GCA   GAAUCCGGUUGGG---CC-----CU 72
chr-7.trna169-Cys-GCA    GAACCCGGUUGGG---CC-----CU 72
chr-7.trna414-Cys-GCA    GAACCCGGUUGGG---CC-----CU 72
chr-10.trna301-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-5.trna30-Cys-GCA     GAACCCGGUUGGG---CC-----CU 72
chr-5.trna31-Cys-GCA     GAACCCGGUUGGG---CC-----CU 72
chr-5.trna415-Cys-GCA    GAACCCGGUUGGG---CC-----CU 72
chr-6.trna675-Cys-GCA    GAACCCGGUUGGG---CC-----CU 72
chr-12.trna456-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-12.trna410-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-12.trna409-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-6.trna736-Cys-GCA    GAACCCGGUUGGG---CC-----CU 72
chr-7.trna168-Cys-GCA    GAACCCGGUUGGG---CC-----CU 72
chr-7.trna174-Cys-GCA    GAACCCGGUUGGG---CC-----CU 72
chr-7.trna412-Cys-GCA    GAACCCGGUUGGG---CC-----CU 72
chr-11.trna403-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-11.trna323-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-11.trna321-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-8.trna330-Cys-GCA    GAACCCGGUUGGG---CC-----CU 72
chr-9.trna512-Cys-GCA    GAACCCGGUUGGG---CC-----CU 72
chr-9.trna513-Cys-GCA    GAACCCGGUUGGG---CC-----CU 72
chr-10.trna321-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-10.trna436-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-10.trna343-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-10.trna357-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-10.trna426-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-5.trna29-Cys-GCA     AAACCCGGUUGGG---CC-----CU 72
chr-10.trna329-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-10.trna293-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-7.trna417-Cys-GCA    GAACCCGGUUGGG---CC-----CU 72
chr-12.trna408-Cys-GCA   GAACCUGGUUGGG---CC-----CU 72
chr-3.trna122-Cys-GCA    GAACCCGGUUGGG---CC-----CU 72
chr-6.trna739-Cys-GCA    CAACCCGGUUGGG---CC-----CU 72
chr-6.trna741-Cys-GCA    GAACCCGGUUGGG---CC-----CU 72
chr-10.trna434-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-10.trna339-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-6.trna740-Cys-GCA    GAACCCGGUUGGG---CC-----CU 72
chr-10.trna433-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-7.trna418-Cys-GCA    GAACCCGGUAGGG---CC-----CU 72
chr-10.trna310-Cys-GCA   AAACCUGGUUGGG---CC-----CU 72
chr-10.trna430-Cys-GCA   GAACCUGGUUGGG---CC-----CU 72
chr-10.trna431-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-6.trna742-Cys-ACA    GAACCUGGUUGGG---CC-----CU 72
chr-7.trna171-Cys-GCA    GAACCCGGUUGGG---CC-----CU 72
chr-7.trna172-Cys-GCA    GAACCCGGUUGGG---CC-----CU 72
chr-10.trna429-Cys-GCA   GAACCCGGUUGGG---CC-----CU 72
chr-6.trna738-Cys-GCA    GAACCCGGUUGGG---CC-----CU 72
chr-7.trna415-Cys-GCA    GAACCGGGUUGGG---CC-----CU 72
chr-5.trna28-Cys-GCA     GAACUUGGUUGGG---CC-----CU 72
chr-7.trna173-Cys-GCA    GAACCCGGUUGGG---CC-----CU 77
chr-10.trna74-Cys-ACA    GAAUCCCUCCUCG---CC-----CA 74
chr-13.trna1-Cys-GCA     AAAUCUGGGUGUC---GC-----CC 75
chr-1.trna304-Cys-ACA    AAAUCCUACAGAG---CA-----UG 74
chr-1.trna197-Cys-ACA    GAUCCCCAGGACCUCAGCGGAGUCG 81
                         .........70........80....
```