```
                                .(((((((..((((........)))).(((((.......)))))).......(((((...
chr-4.trna50-Met-CAT     -GCAUCCAUGGUUGAAU-GGUUAAAGCGCCCAACUCAUAAUUAGUGAA-UUCGUAGGUUU 57
chr-7.trna34-Met-CAT     -GCAUCCAUGGCUAAAU-GGUUAAAGCGCCCAACUCAUAAUUGGUGAA-UUCGUAGGUUU 57
chr-25.trna4-Met-CAT     -GCAUCCGUAGCUAAAU-GGUUAAAGCACCCAACUCAUAAUUGGCGAA-UUCGUAGAUUC 57
chr-24.trna1-Met-CAT     -GCAUCCAUGGCUAAAU-GGUUAAAGCACCCAACUCAUAAUUGGUGAA-UUCAUAGAUUC 57
chr-2.trna58-Met-CAT     -GCAUCCAUGGCUGAAU-GGUUAAAGCGCCCAACUCAUAAUUGGCAAA-UUCGAAGGUUC 57
chr-3.trna23-Met-CAT     -GCAUCUAUGGCUGAAU-AGUUAAAACGCCCAACUCAUAAUUGGAGAA-UUCAUAGGUUU 57
chr-8.trna30-Met-CAT     -GCAUCCAUAGCUAAAU-GGUUAAAACGCCCAACUCAUAAUUGGAGAA-UUCGUAGGUUC 57
chr-8.trna31-Met-CAT     -GCAUCCAUAGCUAAAU-GGUUAAAACGCCCAACUCAUAAUUGGAGAA-UUCGUAGGUUC 57
chr-1.trna34-Met-CAT     -GCAUCCAUGGCUAAAU-GGUUAAAGCGCCCAACUCAUAAUUGGCGAA-UUCGUAGGUUC 57
chr-9.trna8-Met-CAT      -GCAUCCAUGGCUGAAU-GGUUAAAGCGCCCAACUCAUAAUUGGCGAA-UUCGUAGGUUC 57
chr-22.trna62-Met-CAT    -GCAUCCAUGGCUGAAU-GGUUAAAGCGCCCAACUCAUAAUUGGCGAA-UUCGUAGGUUC 57
chr-25.trna6-Met-CAT     -GCAUCCAUGGCUGAAU-GGUUAAAGCGCCCAACUCAUAAUUGGCGAA-UUUGUAGGUUC 57
chr-19.trna13-Met-CAT    -GCAUCCAUGGCUGAAU-GGUUAAAGCGCCCAACUCAUAAUUGGUGAA-UUCGUAGGUUC 57
chr-22.trna19-Met-CAT    -GCAUCCAUGGCUGAAU-GGUUAAAGCGCCCAACUCAUAAUUGGCGAAUUUCGUAGGUUC 58
chr-5.trna65-Met-CAT     -GCAUCCAUGGUUGAAU-GGUUAAAGCGCCCAACUCAUAAUUGGUGAA-UUCGUAGGUUC 57
chr-10.trna30-Met-CAT    -GCAUCCAUGGCUGAAU-GGUUAAAGCUUCCAACUCAUAAUUGGCGAA-UUCGUAGGUUC 57
chr-6.trna11-Met-CAT     -GCAUCCAUAGUUGAAU-GGUUUAAACGCCCAACUCAUAAUUGACAAA-UUUGUAAGUUC 57
chr-22.trna51-Met-CAT    AGCAUCCAUGGCUAAAU-GGUUAAAGCGUUCAACUCAUAAUUGGCGAA-UUCGUAGGUUC 58
chr-1.trna39-Met-CAT     -ACCUACUUGGCUCAGC-GGUUAGAGUAUCGCUUUCAUAUGGAGCAA--GUCAUUGGUUC 56
chr-20.trna72-Met-CAT    -ACAUACUUAACUCAGC-GGUUAGAGUAUUGCUUUCAUACGGCGGGA--GUCAUUGAUUC 56
chr-10.trna15-Met-CAT    -ACCUACUUGACUCAGC-GGUUAGAGUAUCGCUUUCAUACGGCGAGA--GUCAUUGGUUC 56
chr-15.trna22-Met-CAT    -ACCUACUUGACUCAGC-GGUUAGAGUAUCGCUUUCAUACGGCAAGA--GUCAUUGGUUC 56
chr-21.trna31-Met-CAT    -ACCUACUUAACUCAGC-GGUUAGAGUAUUGCUUUCAUACGGCGGGA--GUCAUUGGUUC 56
chr-22.trna4-Met-CAT     -ACCUACUUAACUUAGC-GGUUAGAGUAUUGCUUUCAUACGGCGGGA--GUCAUUGGUUC 56
chr-26.trna46-Met-CAT    -ACCUACUUAACUCAGU-GGUUAGAGUAUUGCUUUCAUACGGCGGGA--GUCAUUGGUUU 56
chr-24.trna19-Met-CAT    -ACCUACUUAACUCAGC-GGUUAGAGUAUUGCUUUCAUACGGCGGGA--GUCAUUGGUUC 56
chr-16.trna34-Met-CAT    -ACCUACUUAACUCAGU-GGUUAGAGUAUUGCUUUCAUACGGCGGGU--GUCAUUGGUUC 56
chr-25.trna19-Met-CAT    -ACCUACUUAACUCAGC-GGUUAGAGUAUUACUUUCAUACAGCGAGA--GUCAUUGGUUC 56
chr-13.trna31-Met-CAT    -ACCUACUUAACUCAAU-GGUUAGAGUAUUGCUUUCAUACAGCGGGA--GUUAUUGGUUC 56
chr-3.trna40-Met-CAT     -ACCUACUUAACUCAGU-GGUUAGAGUAUUGCUUUCAUACGGCGGGA--GUCAUUGGCUC 56
chr-3.trna41-Met-CAT     -ACCUACUUAACUCAGU-GGUUAGAGUAUUGCUUUCAUACGGCGGGA--GUCAUUGGCUC 56
chr-4.trna35-Met-CAT     -ACCUACUUAACUCAGU-GGUUAGAGUAUUGCUUUCAUACGGCGGUA--GUCAUUGGUUC 56
chr-12.trna39-Met-CAT    -ACCUAAUUAGCUUAGU-GGUUAAAGUAUUACUUCCAUACGGAGGGA--GUCAUUGGUUC 56
chr-2.trna34-Met-CAT     -GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAGAGUUC 57
chr-4.trna20-Met-CAT     -GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAGAGUUC 57
chr-4.trna22-Met-CAT     -GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAGAGUUC 57
chr-4.trna48-Met-CAT     -GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAGAGUUC 57
chr-5.trna45-Met-CAT     -GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAGAGUUC 57
chr-21.trna56-Met-CAT    -GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAGAGUUC 57
chr-19.trna94-Met-CAT    -GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAGAGUUC 57
chr-19.trna40-Met-CAT    -GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAGAGUUC 57
chr-15.trna34-Met-CAT    -GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAGAGUUC 57
chr-5.trna48-Met-CAT     -GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAGAGUUC 57
chr-10.trna81-Met-CAT    -GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAGAGUUC 57
chr-26.trna44-Met-CAT    -GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAGAGUUC 57
chr-26.trna22-Met-CAT    -GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAGAAUUC 57
chr-1.trna31-Met-CAT     -GGGGUGGUGGCGCAGUCGGCUAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAGAGUUC 57
chr-11.trna18-Met-CAT    -GGGGUGGUGGCGCAGUUGGUUAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAGAGUUC 57
chr-26.trna13-Met-CAT    -GGGGUGAGGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAGAGUUC 57
chr-14.trna1-Met-CAT     -GGGGUAGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAGAGUUC 57
chr-4.trna21-Met-CAT     -GGGGUGGUGGUGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAGAGUUC 57
chr-26.trna1-Met-CAT     -GGGGUGGUGGCGCAGUUGGCGAGCGCGUAGGUCUCAUAAUCCUGAG--GUCGAAAAUUC 57
chr-15.trna6-Met-CAT     -GGGCUUAUAGUUUAAUUGGUUGAAACGUACCGCUCAUAACGGUUAU--AUUGUAGGUUC 57
chr-3.trna3-Met-CAT      -GGGCUUAUAGUUUAAUUGGUUGAAACGUACCGCUCAUAACGGUUAU--AUUGUAGGUUU 57
chr-17.trna28-Met-CAT    -GGGCUUAUAGUUUAAUUGGUUGAAACGUACCGCUCAUAACGGUUAU--AUUGUAGGUUU 57
chr-2.trna35-Met-CAT     -AGCGGGGUAGAGUAAU-GGUUAACUCGUCAGGCUCAUAAUCUGUAG--AAUGCAGGUUC 56
chr-15.trna52-Met-CAT    -AGCGGGGUAGAGUAAU-GGUUAACUCGUCAGGCUCAUAAUCUGUAG--AAUGCAGGUUC 56
chr-14.trna64-Met-CAT    -CGCAGGAUAGAGCAGUUUGGUAGCUCGCAGGGCUCAUAACCUUGAG--GUCAUGGGUUC 57
chr-10.trna90-Met-CAT    -CGCGGGAUAGAGCAGUUUGGUAGCUCGGAAGGCUCAUAACCUCGAG--GUCAUGGGUUU 57
chr-4.trna2-Met-CAT      -CGCGGGAUAGAGCAGUUUGGUAGCUCGCAAGGCUCAUAAUCUUGAG--GUCAUGGGUUC 57
chr-15.trna43-Met-CAT    -CGCGGGAUAAAGUAGUUUGGUAGCUCGCAAGGCUCAUAACCUUGAG--GUCAUGGGCUC 57
chr-3.trna35-Met-CAT     -UGUGGGAUAGAGCAGUUUGGUAGCUCGCAAGGCUCAUAACCUUGAG--GUCAUGGGUUC 57
chr-21.trna45-Met-CAT    -CGCGGGAUAGAGCAAUUUGGUAGCUCGCAAGGCUCAUAACCUUGAG--GUCAUGGGUUC 57
chr-17.trna7-Met-CAT     -CGCGGGAUAGAGCAGUUUGGUAGCUCGCAAGGCUCAUAACCUUGAG--GUCAUGGGUUC 57
chr-13.trna53-Met-CAT    -CGCGGGAUGGAGCAGUUUGGUAGCUCGCAAGGCUCAUAACCUUGAG--GUAAUGGGUUC 57
chr-23.trna12-Met-CAT    UCGCAGGAUAGAGCAGUUUGGUAGCUCGCAAGGCUCAUAACCUUGAG--GUCAUGGGUUC 58
chr-3.trna18-Met-CAT     -CACGGGAUAGAGCAGUUUGGUAGCUCGUAAGGCUCAUAACCUUGAG--GUCAUG-GUUC 56
                                .........10........20........30........40........50.........
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chr-4.trna50-Met-CAT     AAUUUCUACUAGAUAC--A 74
chr-7.trna34-Met-CAT     AAUUCCUACUAGAUAC--A 74
chr-25.trna4-Met-CAT     AAUUCCUAUUGGAUGC--A 74
chr-24.trna1-Met-CAT     AAUUCUUACUGGAUGC--A 74
chr-2.trna58-Met-CAT     AAUUCCUAUUGGAUGC--A 74
chr-3.trna23-Met-CAT     AAUUCCUAUUGGAUGC--A 74
chr-8.trna30-Met-CAT     AAUUCCUACUAGAUGC--A 74
chr-8.trna31-Met-CAT     AAUUCCUACUAGAUGC--A 74
chr-1.trna34-Met-CAT     AAUUCCUACUGGAUGC--A 74
chr-9.trna8-Met-CAT      AAAUCCUACUGGAUGC--A 74
chr-22.trna62-Met-CAT    AAUUCCUACUGGACGC--A 74
chr-25.trna6-Met-CAT     AAUUCCUACUGGAUGC--A 74
chr-19.trna13-Met-CAT    AAUUCCUACUAGAUGC--A 74
chr-22.trna19-Met-CAT    AAUUCCUACUGGAUGC--A 75
chr-5.trna65-Met-CAT     AAUUCCUACUGGAUGC--A 74
chr-10.trna30-Met-CAT    AAUUCCUACUGGAUGC--A 74
chr-6.trna11-Met-CAT     AAUUCUUACUGGAUGC--A 74
chr-22.trna51-Met-CAT    AAUUCCUAUUGGACCU--U 75
chr-1.trna39-Met-CAT     AAAUCCAAUAGUAGGU--A 73
chr-20.trna72-Met-CAT    AAAUCCAAUAGUAGGU--A 73
chr-10.trna15-Met-CAT    AAAUCCAAUAGUAGGU--A 73
chr-15.trna22-Met-CAT    AAAUCCAAUAGUAGGU--A 73
chr-21.trna31-Met-CAT    AAAUCCAAUAGUAGGU--A 73
chr-22.trna4-Met-CAT     AAAUCCAAUAGUAGGU--A 73
chr-26.trna46-Met-CAT    AAAUCCAAUAGUAGGU--A 73
chr-24.trna19-Met-CAT    AAAUCCAAUUGUAGGU--A 73
chr-16.trna34-Met-CAT    AAAUCCAAUAGUAGGU--A 73
chr-25.trna19-Met-CAT    AAAUCCAAUAGUAGGU--A 73
chr-13.trna31-Met-CAT    AAAUCCAAUAGUAGGU--A 73
chr-3.trna40-Met-CAT     AAAUCCAAUAGUAGGU--A 73
chr-3.trna41-Met-CAT     AAAUCCAAUAGUAGGU--A 73
chr-4.trna35-Met-CAT     AACUCCAAUAGUAGGU--A 73
chr-12.trna39-Met-CAT    AAACCCAAUAGUAGGU--A 73
chr-2.trna34-Met-CAT     GAGCCUCUCUCACCCC--A 74
chr-4.trna20-Met-CAT     GAGCCUCUCUCACCCC--A 74
chr-4.trna22-Met-CAT     GAGCCUCUCUCACCCC--A 74
chr-4.trna48-Met-CAT     GAGCCUCUCUCACCCC--A 74
chr-5.trna45-Met-CAT     GAGCCUCUCUCACCCC--A 74
chr-21.trna56-Met-CAT    GAGCCUCUCUCACCCC--A 74
chr-19.trna94-Met-CAT    GAGCCUCUCUCACCCC--A 74
chr-19.trna40-Met-CAT    GAGCCUCUCUCACCCC--A 74
chr-15.trna34-Met-CAT    GAGCCUCUCUCACCCC--A 74
chr-5.trna48-Met-CAT     GAGCCUCUCUCACCCC--A 74
chr-10.trna81-Met-CAT    GAGCCUCUCUCACCCC--A 74
chr-26.trna44-Met-CAT    GAGCCUCUCUCACCUC--A 74
chr-26.trna22-Met-CAT    GAGCCUCUCUCACCCC--A 74
chr-1.trna31-Met-CAT     GAGCCUCUCUCGCCCC--A 74
chr-11.trna18-Met-CAT    GAGCCUCUCUCACCCC--A 74
chr-26.trna13-Met-CAT    GAGCCUCUUUCACCCC--A 74
chr-14.trna1-Met-CAT     GAGCCUCUCUCACCCC--A 74
chr-4.trna21-Met-CAT     GAGUCUCUCUCACCCC--A 74
chr-26.trna1-Met-CAT     GAGCCUCUCUCACCCC--A 74
chr-15.trna6-Met-CAT     GAGCCCUACUAAGCCU--A 74
chr-3.trna3-Met-CAT      GAGCCCUACUAAGCCU--A 74
chr-17.trna28-Met-CAT    GAGCCCUACUAAGCCU--A 74
chr-2.trna35-Met-CAT     GAAUCCUGCCCCCGCC--U 73
chr-15.trna52-Met-CAT    GAAUCCUGCCCCCGCC--U 73
chr-14.trna64-Met-CAT    AAAUCCUAUUCUCGCA--A 74
chr-10.trna90-Met-CAT    AAAUCUCAUUCUCGCA--A 74
chr-4.trna2-Met-CAT      AAAUCUCGUUCCCACA--A 74
chr-15.trna43-Met-CAT    AAAUCUCGUUCCCUCA--A 74
chr-3.trna35-Met-CAT     AAAUCCCGUUCCCGCA--A 74
chr-21.trna45-Met-CAT    AAAUCCCGUUCCCGCA--A 74
chr-17.trna7-Met-CAT     AAAUCCUGUUCCCGCA--A 74
chr-13.trna53-Met-CAT    AAAUCCCGAUCCUGCA--A 74
chr-23.trna12-Met-CAT    AAAUACCGUUCCCUCA--A 75
chr-3.trna18-Met-CAT     AAAUCUCGUUCCCGCAACA 75
                                .........70.........
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