```
                                 (((((((..((((........)))).(((((.......)))))).....((..(((....
chr-9.trna49-Met-CAT     GGGCUUAUAGUUUAAUUGGUUGAAACGUACCGCUCAUAACGGUGAUAUUGU--AGGUUCG 58
chr-9.trna50-Met-CAT     GGGCUUAUAGUUUAAUUGGUUGAAACGUACCGCUCAUAACGGUGAUAUUGU--AGGUUCG 58
chr-1.trna48-Met-CAT     GGGCUUAUAGUUUAAUUGGUUGAAACGUACCGCUCAUAACGGUGAUAUUGU--AGGUUCG 58
chr-3.trna188-Met-CAT    GGGCUUAUAGUUUAAUUGGUUGAAACGUACCGCUCAUAACGGUGAUAUUGU--AGGUUCG 58
chr-1.trna239-Met-CAT    GGGCUUAUAGUUUAAUUGGUUGAAAUGUACCGCUCAUAACGGUGAUAUUGU--AGGUUCG 58
chr-9.trna124-Met-CAT    GGGCUUAUAGUUUAAUUGGUUGAAACGUAUCGCUCAUAACGGUGAUAUUGU--AGGUUCA 58
chr-6.trna100-Met-CAT    GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-9.trna99-Met-CAT     GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-10.trna90-Met-CAT    GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-7.trna65-Met-CAT     GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-7.trna11-Met-CAT     GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-7.trna10-Met-CAT     GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-1.trna40-Met-CAT     GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-6.trna99-Met-CAT     GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-6.trna98-Met-CAT     GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-6.trna92-Met-CAT     GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-1.trna41-Met-CAT     GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-6.trna64-Met-CAT     GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-6.trna12-Met-CAT     GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-1.trna67-Met-CAT     GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-5.trna121-Met-CAT    GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-2.trna100-Met-CAT    GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-4.trna65-Met-CAT     GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-3.trna48-Met-CAT     GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-2.trna280-Met-CAT    GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-2.trna112-Met-CAT    GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-5.trna96-Met-CAT     GGGGUGGUGGCGCAGUUGGUUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-5.trna140-Met-CAT    GGGGUGGUGGCGCAGUUGGUUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGA--GAGUUCG 58
chr-6.trna65-Met-CAT     GGGGUGGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGUCGAGAGAGUUCG 60
chr-3.trna131-Met-CAT    GCUUGUCUAGCUCAGUUGG-UAGAGUGCAAGUCUCAUAAACUUGAGGUUGU--GGGUUCG 57
chr-1.trna155-Met-CAT    AGCGGAGUAGAGCAGUUUGGUAGCUCACGAGGCUCAUAACCUUGAGGUCAC--GGGUUCG 58
chr-3.trna38-Met-CAT     AGCGAAGCAGAGCAAUUUGGUAGCCCACAAGGCUCAUAACCUUGAGGUCAC--GGGUUUA 58
chr-5.trna161-Met-CAT    GCAUCCAUGGCUGAA-UGGUUAAAGCGCCCAACUCAUAAUUGGUAAAUUUGC-GGGUUCA 58
chr-5.trna170-Met-CAT    GCAUCCAUGGCUGAA-UGGUUAAAGCGCCCAACUCAUAAUUGGUAAAUUUGC-GGGUUCA 58
chr-3.trna80-Met-CAT     GCAUCCAUGGCUGAA-UGGUUAAAGCGCCCAACUCAUAAUUGGUAAAUUUGC-GGGUUUA 58
chr-10.trna128-Met-CAT   GCAUCCAUGGCUGAA-UGGUUAAAGCACCCAACUCAUAAUUGGUAAAUUUGC-GGGUUCA 58
chr-3.trna174-Met-CAT    GCAUCCAUGGCUGAC-UGGUUAAAGCGCCCAACUCAUAAUUGGUAAAUUUGC-GGGUUCA 58
chr-1.trna237-Met-CAT    GCAUCCAUGGCUGAA-UGGUUAAAGCACCCAACUCAUAAUUGGUAAAUUUGU-GGGUUCA 58
chr-2.trna84-Met-CAT     GCAUCCAUGGUUGAA-UGGUUAAAGCGCCCAACUCAUAAUUGGUAAAUUUGC-GGGUUCA 58
chr-8.trna33-Met-CAT     GCAUCCAUGGCUGAA-UGGUGAAAGCACCCAACUCAUAAUUGGUAAAUUUGC-GGGUUCA 58
chr-5.trna117-Met-CAT    GCAUCCACGGCCGAA-CGGUUAAAGCGCCCAACUCAUAAUUGGUAAAUUUGC-GGGUUCU 58
chr-6.trna17-Met-CAT     ACCUACUUGACUCAG-CGGUUAGAGUAUCGCUUUCAUACGGCGAGAGUCAU--UGGUUCA 57
chr-9.trna128-Met-CAT    ACCUACUUGACUCAG-UAGUUAGAGUAUCGCUUUCAUACGGCGAGAGUCAU--UGGUUCA 57
chr-4.trna223-Met-CAT    ACCUACUUAACUCAG-CGGUUAGAGUAUUGCUUUCAUACAGCGGGGGUCAU--UGCUUCA 57
chr-1.trna57-Met-CAT     GCCUACUUAACUCAG-UGGUUAGAGUAUUGCUUUCAUACGGUGGGAGUCAU--UGGUUCA 57
chr-4.trna37-Met-CAT     AGCAGGGUAGAGGAAUUGGUCGACUCAUCAGGCUCAUGACCUGAAGACUGC--AGGUUCG 58
chr-5.trna69-Met-CAT     AGCCGGGUAGAGGAAUUGGUCGACUCAUCAGGCUCAUGACCUGAAGACUGC--AGGUUCG 58
                         .........10........20........30........40........50.........
                         ...))).)))))))))).
chr-9.trna49-Met-CAT     AGACCU-ACUAAGCCCA 74
chr-9.trna50-Met-CAT     AGACCU-ACUAAGCCCA 74
chr-1.trna48-Met-CAT     AGCCCU-ACUAAGCCCA 74
chr-3.trna188-Met-CAT    AGCCCU-ACUAAGCCCA 74
chr-1.trna239-Met-CAT    AGCCCU-ACUAAGCCCA 74
chr-9.trna124-Met-CAT    AGCCCU-ACUAAGCCCA 74
chr-6.trna100-Met-CAT    AUCCUC-UCUCACCCCA 74
chr-9.trna99-Met-CAT     AGCCUC-UCUCACCCCA 74
chr-10.trna90-Met-CAT    AGCCUC-UCUCACCCCA 74
chr-7.trna65-Met-CAT     AGCCUC-UCUCACCCCA 74
chr-7.trna11-Met-CAT     AGCCUC-UCUCACCCCA 74
chr-7.trna10-Met-CAT     AGCCUC-UCUCACCCCA 74
chr-1.trna40-Met-CAT     AGCCUC-UCUCACCCCA 74
chr-6.trna99-Met-CAT     AGCCUC-UCUCACCCCA 74
chr-6.trna98-Met-CAT     AGCCUC-UCUCACCCCA 74
chr-6.trna92-Met-CAT     AGCCUC-UCUCACCCCA 74
chr-1.trna41-Met-CAT     AGCCUC-UCUCACCCCA 74
chr-6.trna64-Met-CAT     AGCCUC-UCUCACCCCA 74
chr-6.trna12-Met-CAT     AGCCUC-UCUCACCCCA 74
chr-1.trna67-Met-CAT     AGCCUC-UCUCACCCCA 74
chr-5.trna121-Met-CAT    AGCCUC-UCUCACCCCA 74
chr-2.trna100-Met-CAT    AGCCUC-UCUCACCCCA 74
chr-4.trna65-Met-CAT     AGCCUC-UCUCACCCCA 74
chr-3.trna48-Met-CAT     AGCCUC-UCUCACCCCA 74
chr-2.trna280-Met-CAT    AGCCUC-UCUCACCCCA 74
chr-2.trna112-Met-CAT    AGCCUC-UUUCACCCCA 74
chr-5.trna96-Met-CAT     AGCCUC-UCUCACCCCA 74
chr-5.trna140-Met-CAT    AGCCUC-UCUCACCCCA 74
chr-6.trna65-Met-CAT     AGCCUC-UCUCACCCCA 76
chr-3.trna131-Met-CAT    AGCCCC-ACCGUAGGCG 73
chr-1.trna155-Met-CAT    AUUCCC-GUCUUCGCAC 74
chr-3.trna38-Met-CAT     AUUCCG-GUCUCCGCAC 74
chr-5.trna161-Met-CAT    AUUCCU-GUUGGAUGCA 74
chr-5.trna170-Met-CAT    AUUCCU-ACUGGAUGCA 74
chr-3.trna80-Met-CAT     AUUCCU-GCUGGAUGCA 74
chr-10.trna128-Met-CAT   AUUCCU-GCUGGAUGCA 74
chr-3.trna174-Met-CAT    AUUCCU-GCUGGAUGCA 74
chr-1.trna237-Met-CAT    AUUCCU-GCUGGAUGCA 74
chr-2.trna84-Met-CAT     AUUCCU-GCUGGAUGCA 74
chr-8.trna33-Met-CAT     AUUCCU-GCUGGAUGCA 74
chr-5.trna117-Met-CAT    AGUCCU-GUUGGAUGCA 74
chr-6.trna17-Met-CAT     AAUCCA-AUAGUAGGUA 73
chr-9.trna128-Met-CAT    AAUCCA-AUAGUAGGUA 73
chr-4.trna223-Met-CAT    AAUCCA-AUAGUAGGUA 73
chr-1.trna57-Met-CAT     AAUCCA-AUAGUAAGUA 73
chr-4.trna37-Met-CAT     AAUCCUGUCCCCGCCU- 74
chr-5.trna69-Met-CAT     AAUCCUGUCCCCGCCUA 75
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