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                                (((((.........(.((..((((.........)))).(((((.........))))).).....
chr-2.trna87-Met-CAT    GGGC---------U-UAUAGUUUAAUUGGUUGAAACGUACCGCUCAUAACGGU-GAUAUU 49
chr-4.trna68-Met-CAT    GGGC---------U-UAUAGUUUAAUUGGUUGAAAGUACCGCUCAUAACGGU-GAUAUU 49
chr-4.trna55-Met-CAT    GGGG---------U-GGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCU-GAGGUC 49
chr-1.trna52-Met-CAT    GGGG---------U-GGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCU-GAGGUC 49
chr-1.trna53-Met-CAT    GGGG---------U-GGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCU-GAGGUC 49
chr-12.trna84-Met-CAT   GGGG---------U-GGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCU-GAGGUC 49
chr-12.trna51-Met-CAT   GGGG---------U-GGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCU-GAGGUC 49
chr-12.trna9-Met-CAT    GGGG---------U-GGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCU-GAGGUC 49
chr-10.trna86-Met-CAT   GGGG---------U-GGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCU-GAGGUC 49
chr-9.trna14-Met-CAT    GGGG---------U-GGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCU-GAGGUC 49
chr-8.trna80-Met-CAT    GGGG---------U-GGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCU-GAGGUC 49
chr-8.trna79-Met-CAT    GGGG---------U-GGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCU-GAGGUC 49
chr-8.trna20-Met-CAT    GGGG---------U-GGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCU-GAGGUC 49
chr-1.trna83-Met-CAT    GGGG---------U-GGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCU-GAGGUC 49
chr-1.trna84-Met-CAT    GGGG---------U-GGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCU-GAGGUC 49
chr-1.trna141-Met-CAT   GGGG---------U-GGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCU-GAGGUC 49
chr-1.trna87-Met-CAT    GGGG---------U-GGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCU-GAGGUC 49
chr-3.trna66-Met-CAT    GGGG---------U-GGUGGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCU-GAGGUC 49
chr-3.trna17-Met-CAT    AGCG---------G-GGUAGAGGAAUUGGUCAACUCAUCAGGCUCAUGACCUG-AAGAUU 49
chr-12.trna17-Met-CAT   AGUG---------G-GGUAGAGGAAUCGAUCAACUCAUCAGACUCAUGACCUG-AAGAUU 49
chr-5.trna20-Met-CAT    AGCG---------G-GGUAGAGGAAUCGGUCAACUCAUCAUGCUCAUGACCUG-AAGAUU 49
chr-2.trna3-Met-CAT     GAAU---------C-CAUGGCU-GAAUGGUUAAAGCGCCCAACUCAUAAUUGGCGAAUUC 49
chr-11.trna13-Met-CAT   GCAU---------C-CAUGGCU-GAACGGUUAAAGCGCCCAACUCAUAAUUGGCGAAUUC 49
chr-1.trna31-Met-CAT    GCAU---------C-CAUGGCU-GAAUGGUUAAAACGCCCAACUCAUAAUUGGCGAAUUU 49
chr-2.trna16-Met-CAT    GCAU---------C-CAUGGUU-GAAUGGUCAAAGCACCCACCUCAUAAUUGUUGAACUC 49
chr-8.trna62-Met-CAT    GCAU---------C-CAUGGCU-AAAUGGUUAAAGAACCCAACUCAUAAUUGAAGGGUUU 49
chr-12.trna65-Met-CAT   ACCU---------A-CUUAACUAAG-UGGUUAGAGUACUGCUUUCAUACUGCGGGAG-UC 48
chr-12.trna64-Met-CAT   ACCU---------A-AUUAACUUAG-UGGUUAGAGUUCUGCUUUCAUACGGCGGGAG-UC 48
chr-12.trna24-Met-CAT   ACCU---------A-CAUAACUCAG-UUGUUAGAUUACUGCUUUCAUACGGCGGGAG-UC 48
chr-12.trna57-Met-CAT   ACCU---------A-CUUAACUCAG-UGGUUAGAGUACUGCUUUCAUACGGUGGGAG-UC 48
chr-12.trna28-Met-CAT   ACCU---------A-CUUAACUCAA-UGGUUAGAGUACUACUUUCAUAUGGCGGGAG-UC 48
chr-12.trna74-Met-CAT   ACCU---------A-CUUGACUCAG-CGGUUAGAGUAUCGCUUUCAUACGGCGAGUG-UC 48
chr-1.trna30-Met-CAT    ACCU---------A-CUUGACUCAG-CGGUUAGAGUAUCGCUUUCAUACGGCGAGAG-UC 48
chr-6.trna100-Met-CAT   GACC---------UACUUGACUCAG-CGGUUAGAGUAUCGCUUUCAUACGACGAGAG-UC 49
chr-8.trna63-Met-CAT    AGGUGAAAAAGCAAUGGUAGAGGAAUUGGUCAACUCAUCAGGCUCAUGA-CAUAAAGAUU 59
                        .........10........20........30........40........50.........
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                        (((((.......)))))....)))))))).
chr-2.trna87-Met-CAT    GUAGGUUCGAGCCCUAC----UAAGCCUA 74
chr-4.trna68-Met-CAT    GUAGGUUCGAGCUCAAC----UAAGUUCA 74
chr-4.trna55-Met-CAT    GAGAGU----GCCUCUC----UCACCCCA 70
chr-1.trna52-Met-CAT    GAGAGUUCGAGCCUCUC----UCACCCCA 74
chr-1.trna53-Met-CAT    GAGAGUUCGAGCCUCUC----UCACCCCA 74
chr-12.trna84-Met-CAT   GAGAGUUCGAGCCUCUC----UCACCCCA 74
chr-12.trna51-Met-CAT   GAGAGUUCGAGCCUCUC----UCACCCCA 74
chr-12.trna9-Met-CAT    GAGAGUUCGAGCCUCUC----UCACCCCA 74
chr-10.trna86-Met-CAT   GAGAGUUCGAGCCUCUC----UCACCCCA 74
chr-9.trna14-Met-CAT    GAGAGUUCGAGCCUCUC----UCACCCCA 74
chr-8.trna80-Met-CAT    GAGAGUUCGAGCCUCUC----UCACCCCA 74
chr-8.trna79-Met-CAT    GAGAGUUCGAGCCUCUC----UCACCCCA 74
chr-8.trna20-Met-CAT    GAGAGUUCGAGCCUCUC----UCACCCCA 74
chr-1.trna83-Met-CAT    GAGAGUUCGAGCCUCUC----UCACCCCA 74
chr-1.trna84-Met-CAT    GAGAGUUCGAGCCUCUC----UCACCCCA 74
chr-1.trna141-Met-CAT   GAGAGUUCGAGCCUCUC----UCACCCCA 74
chr-1.trna87-Met-CAT    GAGAGUUCGAGCCUCUC----UCACCCCA 74
chr-3.trna66-Met-CAT    GAGGGUUCGAGCCUCUC----UCACCCCA 74
chr-3.trna17-Met-CAT    GCAGGUUCGAAUCCUGU----CCCCGCCU 74
chr-12.trna17-Met-CAT   GCAUGUUCGAAUCAUGU----CCCCACCU 74
chr-5.trna20-Met-CAT    GCAGGUUCUAAUCCUGU----CCCCGCCU 74
chr-2.trna3-Met-CAT     GUAGGUUCAAUUCCUAC----UGGAUGCA 74
chr-11.trna13-Met-CAT   GUAGGUUCAAUUCCUAC----UGGAUGCA 74
chr-1.trna31-Met-CAT    GUAGGUUCAAUUCCUAC----UGGAUGCA 74
chr-2.trna16-Met-CAT    GUAGGUUCAAUUCCUAC----UGGAUGCA 74
chr-8.trna62-Met-CAT    GUAGGUUCAAUUCCUAU----UGGAUGCA 74
chr-12.trna65-Met-CAT   AUUGGUUCAAAUCCAAA----AAUAGGUA 73
chr-12.trna64-Met-CAT   AUUGGUUCAAAUCCAAA----AGUAGGUA 73
chr-12.trna24-Met-CAT   AUUGGUUCAAAUCCAAU----ACUAGGUA 73
chr-12.trna57-Met-CAT   AUUGGUUCAAAUCCAAU----AGUAUGUA 73
chr-12.trna28-Met-CAT   AUUGGUUCAAAUCCAAU----AGUAGGUA 73
chr-12.trna74-Met-CAT   AUUUGUUCAAAUCCAAU----AGUAGGUA 73
chr-1.trna30-Met-CAT    AUUGGUUAAAAUACAAU----AGUAGGUA 73
chr-6.trna100-Met-CAT   AUUGGUUCAAAUCCAAUUAUUGGAGGUCC 78
chr-8.trna63-Met-CAT    GCAGGUUCGAAACCUGU---CCCAAUCUA 85
                        .........70........80........
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