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                        (((((((...((.......)).....(((((((((.......)))))).)))(((((.....
chr-4.trna18-Pro-TGG    GGGCGUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-5.trna12-Pro-TGG    GGGCGUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-1.trna28-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-8.trna48-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-2.trna81-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-8.trna46-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-3.trna38-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-8.trna44-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-8.trna43-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-8.trna42-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-8.trna41-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-8.trna51-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-6.trna34-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-2.trna31-Pro-CGG    GGGUGUUUGGUCUAGU---GGUAUGAUUCUCGCUUCGGGUGCGAGAGGUCGCGAGUUCGA 57
chr-6.trna27-Pro-CGG    GGGUGUUUGGUCUAGU---GGUAUGAUUCUCGCUUCGGGUGCGAGAGGUCGCGAGUUCGA 57
chr-8.trna45-Pro-CGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUCGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-1.trna11-Pro-CGG    GGGUGUUUGGUCUAGU---GGUAUGAUUCUCGCUUCGGGUGCGAGAGGCCGCGAGUUCGA 57
chr-8.trna1-Pro-CGG     GGGUGUUUGGUCUAGU---GGUAUGAUUCUCGCUUCGGGUGCGAGAGGCCGCGAGUUCGA 57
chr-8.trna47-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-3.trna40-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-7.trna4-Pro-AGG     GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-6.trna45-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-7.trna45-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-9.trna62-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-6.trna7-Pro-AGG     GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-5.trna20-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-7.trna47-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-8.trna52-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCUGAGUUCAA 57
chr-9.trna24-Pro-TGG    CGAGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUGGGUACAGAGGGCCAUAGGUUCGA 60
                        .........10.........20.........30.........40.........50.........

                        ..)))))))))))).
chr-4.trna18-Pro-TGG    UUCUCGGAACGCCCC 72
chr-5.trna12-Pro-TGG    UUCUCGGAACGCCCC 72
chr-1.trna28-Pro-TGG    UUCUCGGAAUGCCCC 72
chr-8.trna48-Pro-TGG    UUCUCGGAAUGCCCC 72
chr-2.trna81-Pro-TGG    UUCUCGGAAUGCCCC 72
chr-8.trna46-Pro-TGG    UUCUCGGAAUGCCCC 72
chr-3.trna38-Pro-TGG    UUCUCGGAAUGCCCC 72
chr-8.trna44-Pro-TGG    UUCUCGGAAUGCCCC 72
chr-8.trna43-Pro-TGG    UUCUCGGAAUGCCCC 72
chr-8.trna42-Pro-TGG    UUCUCGGAAUGCCCC 72
chr-8.trna41-Pro-TGG    UUCUCGGAAUGCCCC 72
chr-8.trna51-Pro-TGG    UUCUCGGAAUGCCCC 72
chr-6.trna34-Pro-TGG    UUCUCGGAAUGCCCC 72
chr-2.trna31-Pro-CGG    UUCUCGCAACACCCC 72
chr-6.trna27-Pro-CGG    UUCUCGCAACACCCC 72
chr-8.trna45-Pro-CGG    UUCUCGGAAUGCCCC 72
chr-1.trna11-Pro-CGG    UUCUCGCAACACCCC 72
chr-8.trna1-Pro-CGG     UUCUCGCAACACCCC 72
chr-8.trna47-Pro-AGG    UUCUCGGAAUGCCCC 72
chr-3.trna40-Pro-AGG    UUCUCGGAAUGCCCC 72
chr-7.trna4-Pro-AGG     UUCUCGGAAUGCCCC 72
chr-6.trna45-Pro-AGG    UUCUCGGAAUGCCCC 72
chr-7.trna45-Pro-AGG    UUCUCGGAAUGCCCC 72
chr-9.trna62-Pro-AGG    UUCUCGGAAUGCCCC 72
chr-6.trna7-Pro-AGG     UUCUCGGAAUGCCCC 72
chr-5.trna20-Pro-AGG    UUCUCGGAAUGCCCC 72
chr-7.trna47-Pro-AGG    UUCUCGGAAUGCCCC 72
chr-8.trna52-Pro-AGG    UUCUCGGAAUGCCCC 72
chr-9.trna24-Pro-TGG    AUCCUGUCACCUUGA 75
                        .........70....
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