```
                        (((..((((..(((.............)))((((((.......))))))....(((((...
chr-6.trna8-Pro-TGG     GGGCUGGUGUAGCGCAACUUGGU-AGCGCGUUUGCUUUGGGUACAAAAUGUCAUAGGUUC 59
chr-3.trna7-Pro-TGG     AGG--GAUGUAGAGCAGCUUGGU-AACGCGUUUGUUUUGGGUACAAAAUGUCACGGGUUC 57
chr-12.trna20-Pro-TGG   AGG--GAUGUAGCGCAGCUUGGU-AGCGCGUUUGUUUUGGGUACAAAAUGUCACGGGUUC 57
chr-3.trna67-Pro-TGG    CGA--GGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGCCAUAGGUUC 58
chr-12.trna48-Pro-TGG   CGA--GGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGCCAUAGGUUC 58
chr-8.trna28-Pro-CGG    GGG--UGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUCGGGUGCGAGAGGUCGUGAGUUC 55
chr-12.trna1-Pro-CGG    GGG--UGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUCGGGUGCGAGAGGUCGUGAGUUC 55
chr-11.trna2-Pro-CGG    GGG--UGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUCGGGUGCGAGAGGUCGUGAGUUC 55
chr-12.trna14-Pro-AGG   GGG--CAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-12.trna13-Pro-AGG   GGG--CAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-11.trna27-Pro-AGG   GGG--CAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-11.trna18-Pro-AGG   GGG--CAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-11.trna15-Pro-AGG   GGG--CAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-1.trna7-Pro-AGG     GGG--CAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-5.trna6-Pro-AGG     GGG--CAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-12.trna22-Pro-AGG   GGG--CAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-6.trna26-Pro-AGG    GGG--CAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-12.trna24-Pro-AGG   GGG--CAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-12.trna62-Pro-AGG   GGG--CAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-3.trna58-Pro-CGG    GGG--UGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUCGGGUGCGAGAGGUCGGGAGUUC 55
chr-4.trna17-Pro-CGG    GGG--UGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUCGGGUGCGAGAGGUCGCGAGUUC 55
chr-7.trna36-Pro-CGG    GGG--UGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUCGGGUGCGAGAGGUCGCGAGUUC 55
chr-11.trna30-Pro-CGG   GGG--UGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUCGGGUGCGAGAGGUCGCGAGUUC 55
chr-12.trna65-Pro-CGG   GGG--UGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUCGGGUGCGAGAGGUCGCGAGUUC 55
chr-6.trna4-Pro-TGG     GGG--CGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGUCGCGAGUUC 55
chr-6.trna20-Pro-TGG    GGG--CGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUC 55
chr-9.trna22-Pro-TGG    GGG--CGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUC 55
chr-2.trna22-Pro-TGG    GGG--CAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUC 55
chr-3.trna62-Pro-TGG    GGG--CAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUC 55
chr-7.trna23-Pro-TGG    GGG--CAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUC 55
chr-7.trna24-Pro-TGG    GGG--CAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUC 55
chr-11.trna24-Pro-TGG   GGG--CAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUC 55
chr-11.trna14-Pro-AGG   GGG--GAUUUAGUCUAG--UGGU-AAGAUAUUCGCUUAGGGAGCGAAAGGUCCCGAGUUC 55
chr-11.trna13-Pro-AGG   GGG--GAUUUAGUCUAG--UGGU-AAGAUAUUCGCUUAGGGAGCGAAAGGUCCCGAGUUC 55
                        .........10.........20.........30.........40.........50.........
                        ....))))))))))))).
chr-6.trna8-Pro-TGG     AAAUCCUGUCAUCCCUA 76
chr-3.trna7-Pro-TGG     AAAUCCUGUCAUCUCUA 74
chr-12.trna20-Pro-TGG   AAAUCCUGUCAUCCCUA 74
chr-3.trna67-Pro-TGG    GAAUCCUGUCACCUUGA 75
chr-12.trna48-Pro-TGG   GAAUCCUGUCACCUUGA 75
chr-8.trna28-Pro-CGG    GAUUCUCGCAACACCCC 72
chr-12.trna1-Pro-CGG    GAUUCUCGCAACACCCC 72
chr-11.trna2-Pro-CGG    GAUUCUCGCAACACCCC 72
chr-12.trna14-Pro-AGG   AAUUCUCGGAAUGCCCC 72
chr-12.trna13-Pro-AGG   AAUUCUCGGAAUGCCCC 72
chr-11.trna27-Pro-AGG   AAUUCUCGGAAUGCCCC 72
chr-11.trna18-Pro-AGG   AAUUCUCGGAAUGCCCC 72
chr-11.trna15-Pro-AGG   AAUUCUCGGAAUGCCCC 72
chr-1.trna7-Pro-AGG     AAUUCUCGGAAUGCCCC 72
chr-5.trna6-Pro-AGG     AAUUCUCGGAAUGCCCC 72
chr-12.trna22-Pro-AGG   AAUUCUCGGAAUGCCCC 72
chr-6.trna26-Pro-AGG    AAUUCUCGGAAUGCCCC 72
chr-12.trna24-Pro-AGG   AAUUCUCGGAAUGCCCC 72
chr-12.trna62-Pro-AGG   AAUUCUCGGAAUGCCCC 72
chr-3.trna58-Pro-CGG    GAUUCUCCCAACACCCC 72
chr-4.trna17-Pro-CGG    GAUUCUCGCAACACCCC 72
chr-7.trna36-Pro-CGG    GAUUCUCGCAACACCCC 72
chr-11.trna30-Pro-CGG   GAUUCUCGCAACACCCC 72
chr-12.trna65-Pro-CGG   GAUUCUCGCAACACCCC 72
chr-6.trna4-Pro-TGG     GAUUCUCGCAACGCCCC 72
chr-6.trna20-Pro-TGG    GAUUCUCGGAACGCCCC 72
chr-9.trna22-Pro-TGG    GAUUCUCGGAACGCCCC 72
chr-2.trna22-Pro-TGG    GAUUCUCGGAAUGCCCC 72
chr-3.trna62-Pro-TGG    GAUUCUCGGAAUGCCCC 72
chr-7.trna23-Pro-TGG    GAUUCUCGGAAUGCCCC 72
chr-7.trna24-Pro-TGG    GAUUCUCGGAAUGCCCC 72
chr-11.trna24-Pro-TGG   GAUUCUCGGAAUGCCCC 72
chr-11.trna14-Pro-AGG   AAUUCUCGGAAUCCCCA 72
chr-11.trna13-Pro-AGG   AAUUCUCGGAAUCCCCA 72
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