```
                                (((((((..(((((.....).).)))(((((.....)))))))....(((((.....
chr-3.trna37-Pro-TGG    AGGGAUGUAGCGCAGCUUGGU-AGCGCGUUCGUUUUGGGUACAAAAUGUCACGGGUUCAA 59
chr-7.trna38-Pro-TGG    AGGGAUGUAGCGCAGCUUGGU-AGCGCGUUCGUUUUGGGUACAAAAUGUCACGGGUUCAA 59
chr-11.trna5-Pro-TGG    AGGGAUGUAGCGCAGCUUGGU-GGCACGUUUGUUUUGGGUACAAAAUGUCAUGGGUUCAA 59
chr-1.trna95-Pro-TGG    AGGGUUGUAGCGCAGCUUGGU-AGCACGUUUGUUUUGGGUACAAAAUGUCACAGGUUCAA 59
chr-1.trna96-Pro-TGG    AGGGUUGUAGCGCAGCUUGGU-AGCACGUUUGUUUUGGGUACAAAAUGUCACAGGUUCAA 59
chr-4.trna66-Pro-TGG    CGAGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGCCAUAGGUUCGA 60
chr-1.trna83-Pro-AGG    GGGGAUUUAGUCUAG--UGGU-AAGAUAUUCGCUUAGGGAGCGAAAGGUCCCGAGUUCAA 57
chr-1.trna84-Pro-AGG    GGGGAUUUAGUCUAG--UGGU-AAGAUAUUCGCUUAGGGAGCGAAAGGUCCCGAGUUCAA 57
chr-11.trna13-Pro-AGG   GGGGAUUUAGUCUAG--UGGU-AAGAUAUUCGCUUAGGGAGCGAAAGGUCCCGAGUUCAA 57
chr-11.trna12-Pro-AGG   GGGGAUUUAGUCUAG--UGGU-AAGAUAUUCGCUUAGGGAGCGAAAGGUCCCGAGUUCAA 57
chr-12.trna12-Pro-AGG   GGGCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-10.trna12-Pro-CGG   GGGUGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUCGGGUGCGAGAGGUCGUGAGUUCGA 57
chr-7.trna44-Pro-CGG    GGGUGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUCGGGUGCGAGAGGUCGUGAGUUCGA 57
chr-11.trna31-Pro-CGG   GGGUGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUCGGGUGCGAGAGGUCGUGAGUUCGA 57
chr-9.trna15-Pro-TGG    GGGCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-9.trna20-Pro-TGG    GGGCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-9.trna21-Pro-TGG    GGGCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-9.trna22-Pro-TGG    GGGCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-11.trna21-Pro-TGG   GGGCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-6.trna29-Pro-TGG    GGGCGUUUGGUCUAG--UGGU-ACGAUUCUCGCUUUGGGUGCGAGAGGUCGCGAGUUCGA 57
chr-12.trna44-Pro-CGG   GGGUGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUCGGGUGCGAGAGGUCGCGAGUUCGA 57
chr-8.trna32-Pro-CGG    GGGUGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUCGGGUGCGAGAGGUCGCGAGUUCGA 57
chr-9.trna23-Pro-CGG    GGGUGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUCGGGUGCGAGAGGUCGCGAGUUCGA 57
chr-11.trna29-Pro-CGG   GGGUGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUCGGGUGCGAGAGGUCGCGAGUUCGA 57
chr-11.trna4-Pro-CGG    GGGUGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUCGGGUGCGAGAGGUCGGGAGUUUGA 57
chr-1.trna85-Pro-AGG    GGGCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-2.trna14-Pro-AGG    GGGCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-11.trna24-Pro-AGG   GGGCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-11.trna16-Pro-AGG   GGGCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-11.trna14-Pro-AGG   GGGCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-3.trna14-Pro-AGG    GGGCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-3.trna26-Pro-AGG    GGGCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-1.trna5-Pro-AGG     GGGCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-3.trna74-Pro-AGG    GGGCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-12.trna16-Pro-AGG   GGGCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-12.trna14-Pro-AGG   GGGCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-12.trna10-Pro-AGG   GGGCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-2.trna67-Pro-TGG    GG--AUGUAACGCAGCUUGGU-AGCGCAUUUGUUUUGGGUACAUAAUGUCAUGGGUUCAA 57
                        .........10.........20.........30.........40.........50.........

                        ..)))))))))))).
chr-3.trna37-Pro-TGG    AUCCUGUCAUCCCUA 74
chr-7.trna38-Pro-TGG    AUCCUGUCAUCCCUA 74
chr-11.trna5-Pro-TGG    AUCCUGUCAUCCCUG 74
chr-1.trna95-Pro-TGG    AUCAUGCCAUCCCUA 74
chr-1.trna96-Pro-TGG    AUCAUGCCAUCCCUA 74
chr-4.trna66-Pro-TGG    AUCCUGUCACCUUGA 75
chr-1.trna83-Pro-AGG    UUCUCGGAAUCCCCA 72
chr-1.trna84-Pro-AGG    UUCUCGGAAUCCCCA 72
chr-11.trna13-Pro-AGG   UUCUCGGAAUCCCCA 72
chr-11.trna12-Pro-AGG   UUCUCGGAAUCCCCA 72
chr-12.trna12-Pro-AGG   UUCUCGGAAUGACCC 72
chr-10.trna12-Pro-CGG   UUCUCGCAACACCCC 72
chr-7.trna44-Pro-CGG    UUCUCGCAACACCCC 72
chr-11.trna31-Pro-CGG   UUCUCGCAACACCCC 72
chr-9.trna15-Pro-TGG    UUCUCGGAACGCCCC 72
chr-9.trna20-Pro-TGG    UUCUCGGAAUGCCCC 72
chr-9.trna21-Pro-TGG    UUCUCGGAAUGCCCC 72
chr-9.trna22-Pro-TGG    UUCUCGGAAUGCCCC 72
chr-11.trna21-Pro-TGG   UUCUCGGAAUGCCCC 72
chr-6.trna29-Pro-TGG    UUCUCGCAACGCCCC 72
chr-12.trna44-Pro-CGG   UUCUCGCAACACCCC 72
chr-8.trna32-Pro-CGG    UUCUCGCAACACCCC 72
chr-9.trna23-Pro-CGG    UUCUCGCAACACCCC 72
chr-11.trna29-Pro-CGG   UUCUCGCAACACCCC 72
chr-11.trna4-Pro-CGG    UUCUCCCAACACCCC 72
chr-1.trna85-Pro-AGG    UUCUCGGAAUGCCCC 72
chr-2.trna14-Pro-AGG    UUCUCGGAAUGCCCC 72
chr-11.trna24-Pro-AGG   UUCUCGGAAUGCCCC 72
chr-11.trna16-Pro-AGG   UUCUCGGAAUGCCCC 72
chr-11.trna14-Pro-AGG   UUCUCGGAAUGCCCC 72
chr-3.trna14-Pro-AGG    UUCUCGGAAUGCCCC 72
chr-3.trna26-Pro-AGG    UUCUCGGAAUGCCCC 72
chr-1.trna5-Pro-AGG     UUCUCGGAAUGCCCC 72
chr-3.trna74-Pro-AGG    UUCUCGGAAUGCCCC 72
chr-12.trna16-Pro-AGG   UUCUCGGAAUGCCCC 72
chr-12.trna14-Pro-AGG   UUCUCGGAAUGCCCC 72
chr-12.trna10-Pro-AGG   UUCUCGGAAUGCCCC 72
chr-2.trna67-Pro-TGG    AUCCUAU----CCCA 68
                        .........70....
```