```
                        (((((((...((.......)).....((((((((.....)))))).)))))(((.....
chr-1.trna55-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-3.trna18-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-9.trna33-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-9.trna22-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-4.trna26-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-7.trna75-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-5.trna21-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-6.trna39-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-7.trna5-Pro-TGG     GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-9.trna47-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-7.trna27-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-7.trna26-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-7.trna8-Pro-TGG     GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-7.trna10-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-7.trna23-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-7.trna12-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-7.trna21-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-7.trna20-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-7.trna13-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-7.trna16-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-7.trna17-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-1.trna40-Pro-CGG    GGGUGUUUGGUCUAGU---GGUAUGAUUCUCGCUUCGGGUGCGAGAGGUCGCGAGUUCGA 57
chr-11.trna43-Pro-CGG   GGGUGUUUGGUCUAGU---GGUAUGAUUCUCGCUUCGGGUGCGAGAGGUCGCGAGUUCGA 57
chr-7.trna6-Pro-CGG     GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUCGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-1.trna36-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-1.trna30-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-7.trna15-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-2.trna56-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-7.trna19-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-7.trna11-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-8.trna38-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-4.trna20-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-7.trna24-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-7.trna7-Pro-AGG     GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-4.trna28-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-7.trna28-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-7.trna39-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-7.trna38-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-6.trna20-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-5.trna36-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-5.trna34-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-5.trna29-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-7.trna58-Pro-CGG    GGGUGUUUGGUCUAGU---GGUAUGAUUCUCGCUUCGGGUGCGAGAGGUCGUGAGUUCGA 57
chr-7.trna25-Pro-TGG    GGGCAUUUGGUCUCGU---GGUAUGAUUCUUGCUUUGGGUGCGAGAGGUCCCGAGUUCGA 57
chr-7.trna9-Pro-AGG     GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCGGAGUUCAA 57
chr-7.trna22-Pro-AGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUUGCUUAGGGUGCAAGAGG-CCGAGUUCAA 56
chr-7.trna18-Pro-TGG    GGGCAUUUGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUG-GAGGGGUCCCCAGUUGGA 56
chr-6.trna50-Pro-TGG    CGAGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGCCAUAGGUUCGA 60
                        .........10........20........30........40........50.........

                        ..)))))))))))...
chr-1.trna55-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-3.trna18-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-9.trna33-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-9.trna22-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-4.trna26-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna75-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-5.trna21-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-6.trna39-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna5-Pro-TGG     UUCUCGGAAUGCCCC-- 72
chr-9.trna47-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna27-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna26-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna8-Pro-TGG     UUCUCGGAAUGCCCC-- 72
chr-7.trna10-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna23-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna12-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna21-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna20-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna13-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna16-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna17-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-1.trna40-Pro-CGG    UUCUCGCAACACCCC-- 72
chr-11.trna43-Pro-CGG   UUCUCGCAACACCCC-- 72
chr-7.trna6-Pro-CGG     UUCUCGGAAUGCCCC-- 72
chr-1.trna36-Pro-AGG    UUCUCGGAAUGCCCC-- 72
chr-1.trna30-Pro-AGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna15-Pro-AGG    UUCUCGGAAUGCCCC-- 72
chr-2.trna56-Pro-AGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna19-Pro-AGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna11-Pro-AGG    UUCUCGGAAUGCCCC-- 72
chr-8.trna38-Pro-AGG    UUCUCGGAAUGCCCC-- 72
chr-4.trna20-Pro-AGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna24-Pro-AGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna7-Pro-AGG     UUCUCGGAAUGCCCC-- 72
chr-4.trna28-Pro-AGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna28-Pro-AGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna39-Pro-AGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna38-Pro-AGG    UUCUCGGAAUGCCCC-- 72
chr-6.trna20-Pro-AGG    UUCUCGGAAUGCCCC-- 72
chr-5.trna36-Pro-AGG    UUCUCGGAAUGCCCC-- 72
chr-5.trna34-Pro-AGG    UUCUCGGAAUGCCCC-- 72
chr-5.trna29-Pro-AGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna58-Pro-CGG    UUCUCGCAACACCCC-- 72
chr-7.trna25-Pro-TGG    UUCUCGGAAUGCCCC-- 72
chr-7.trna9-Pro-AGG     UUCUCGGAAUGCCCC-- 72
chr-7.trna22-Pro-AGG    UUUUCGGAAUGCCCC-- 71
chr-7.trna18-Pro-TGG    UUCUCGGAAUGCCUCCA 73
chr-6.trna50-Pro-TGG    AUCCUGUCACCUUGA-- 75
                        .........70......
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