```
                                (((((((...(((.........)))(((((.......)))))).....(((((.......
chr-13.trna22-Pro-AGG   GGGGAUUU--AGUCCAGUGGUAGGAUGCUCGCUUAGGGAGCGAAAGGUCCCGAGUUCAAU 58
chr-16.trna26-Pro-AGG   GGGGAUUU--AGUCCAGUGGUAGGAUGCUCGCUUAGGGAGCGAAAGGUCCCAAGUUCAAU 58
chr-16.trna25-Pro-AGG   AGGAAUUU--AGUCCAGUGGUAGGAUGCUUUCUCAGGGAGCCAAAGUUUCCGAGUUCAAU 58
chr-15.trna69-Pro-TGG   GGGCAUUU--GGUCUAGUGGUACGAUUCUCGUUUUGGGUGCGAGAGGUUUCAAGUUCGAU 58
chr-8.trna32-Pro-TGG    GGGCAUUU--GGUCUAGUGGUAUGAUUCUUGUUUUGGGUGCGAGAGGUUCCAAGUUCGAU 58
chr-14.trna39-Pro-CGG   GGGUGUUU--GGUCUAGUGGUAUGAUUCUCGCUUCGGGUGCGAGAGGUCGUGAGUUCGAU 58
chr-12.trna40-Pro-CGG   GGGUGUUU--GGUCUAGUGGUAUGAUUCUCGCUUCGGGUGCGAGAGGUCGUGAGUUCGAU 58
chr-12.trna15-Pro-CGG   GGGCGUUU--GGUCUAGUGGUAUGAUUCUCGCUUCGGGUGCGAGAGGUCGUGAGUUCGAU 58
chr-5.trna41-Pro-TGG    GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGAU 58
chr-5.trna42-Pro-TGG    GGGUAUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGAU 58
chr-17.trna3-Pro-TGG    GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGAU 58
chr-8.trna6-Pro-TGG     GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGAU 58
chr-10.trna34-Pro-TGG   GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUCGAU 58
chr-15.trna7-Pro-TGG    GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCGAGUUCGAU 58
chr-2.trna4-Pro-TGG     GGCCGUUU--GGUCUAGUGGUAUGAUUCUUGCUUUGGGUGCAAGAGGUCCGAGUUCGAU 58
chr-16.trna31-Pro-TGG   GGCCGUUU--GGUCUAGUGGUAUGAUUCUUGCUUUGGGUGCAAGAGGUCCGAGUUCGAU 58
chr-15.trna14-Pro-TGG   GGCCGUUU--GGUCUAGUGGUAUGAUUCUUGCUUUGGGUGCAAGAGGUCCGAGUUCGAU 58
chr-13.trna24-Pro-TGG   GGCCGUUU--GGUCUAGUGGUAUGAUUCUUGCUUUGGGUGCAAGAGGUCCGAGUUCGAU 58
chr-5.trna43-Pro-TGG    GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCAGUUCGAU 58
chr-3.trna27-Pro-AGG    GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCGAGUUCAAU 58
chr-3.trna51-Pro-AGG    GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCGAGUUCAAU 58
chr-4.trna16-Pro-AGG    GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCGAGUUCAAU 58
chr-1.trna26-Pro-AGG    GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCGAGUUCAAU 58
chr-13.trna19-Pro-AGG   GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCGAGUUCAAU 58
chr-16.trna17-Pro-AGG   GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCGAGUUCAAU 58
chr-12.trna31-Pro-AGG   GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCGAGUUCAAU 58
chr-7.trna25-Pro-AGG    GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCGAGUUCAAU 58
chr-12.trna11-Pro-AGG   GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCGAGUUCAAU 58
chr-11.trna75-Pro-AGG   GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCGAGUUCAAU 58
chr-11.trna28-Pro-AGG   GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCGAGUUCAAU 58
chr-3.trna44-Pro-AGG    GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGUUAGGGUGCGAGAGGUCCUGAGUUCAAU 58
chr-11.trna18-Pro-TGG   AGGGAUGUAGCGCAGUUUGGUAGCGUGUUUGUUUUGGGUACAAAAUGUCACAGGUUCAAA 60
chr-11.trna35-Pro-TGG   AGGGAUGUAGCGCCAUUUGGUAGCGCGCUUGUUUUGGGUACAAAAUGUCAUGGGUUCAAA 60
chr-4.trna40-Pro-AGG    CCAGCCCU-UAGUCUAGUGGUAUGAUUCUUGCUUAGGAUGCGAGAGGUCCUGAGUUCAAU 59
                        .........10........20........30........40........50.........

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chr-13.trna22-Pro-AGG   UCUCG------------GAAUCCCCA 72
chr-16.trna26-Pro-AGG   UCUCG------------GAAUCCCCA 72
chr-16.trna25-Pro-AGG   UCUCG------------GAAUUCCCA 72
chr-15.trna69-Pro-TGG   UCUCG------------GAAUGCCCC 72
chr-8.trna32-Pro-TGG    UCUCG------------GAAUGCCCC 72
chr-14.trna39-Pro-CGG   UCUCG------------CAACACCCC 72
chr-12.trna40-Pro-CGG   UCUCG------------CAACACCCC 72
chr-12.trna15-Pro-CGG   UCUCG------------CAACGCCCC 72
chr-5.trna41-Pro-TGG    UCUCG------------GAAUGCCCC 72
chr-5.trna42-Pro-TGG    UCUCG------------GAAUGCCCC 72
chr-17.trna3-Pro-TGG    UCUCG------------GAAUGCCCC 72
chr-8.trna6-Pro-TGG     UCUCG------------GAAUGCCCC 72
chr-10.trna34-Pro-TGG   UCUCG------------GAAUGCCCC 72
chr-15.trna7-Pro-TGG    UCUCG------------GAAUGCCCC 72
chr-2.trna4-Pro-TGG     UCUCG------------GAACGGCCC 72
chr-16.trna31-Pro-TGG   UCUCG------------GAACGGCCC 72
chr-15.trna14-Pro-TGG   UCUCG------------GAACGGCCC 72
chr-13.trna24-Pro-TGG   UCUCG------------GAACGGCCC 72
chr-5.trna43-Pro-TGG    UCUCG------------GAAUGCCCC 72
chr-3.trna27-Pro-AGG    UCUCG------------GAAUGCCCC 72
chr-3.trna51-Pro-AGG    UCUCG------------GAAUGCCCC 72
chr-4.trna16-Pro-AGG    UCUCG------------GAAUGCCCC 72
chr-1.trna26-Pro-AGG    UCUCG------------GAAUGCCCC 72
chr-13.trna19-Pro-AGG   UCUCG------------GAAUGCCCC 72
chr-16.trna17-Pro-AGG   UCUCG------------GAAUGCCCC 72
chr-12.trna31-Pro-AGG   UCUCG------------GAAUGCCCC 72
chr-7.trna25-Pro-AGG    UCUCG------------GAAUGCCCC 72
chr-12.trna11-Pro-AGG   UCUCG------------GAAUGCCCC 72
chr-11.trna75-Pro-AGG   UCUCG------------GAAUGCCCC 72
chr-11.trna28-Pro-AGG   UCUCG------------GAAUGCCCC 72
chr-3.trna44-Pro-AGG    UUUUG------------GAAUGCCCC 72
chr-11.trna18-Pro-TGG   UCCUG------------UCAUCCCUA 74
chr-11.trna35-Pro-TGG   UCAUG------------UCAUCCCUA 74
chr-4.trna40-Pro-AGG    UCUCGAAAUGCUCCUAUUUGGGCUGGG 86
                        .........70........80......
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