```
                                ((.(((((...((....)).....(((((((((.......)))))).)))))(((.....
chr-1.trna501-Pro-AGG           GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-2.trna65-Pro-AGG            GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-14.trna447-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-14.trna448-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-14.trna445-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-14.trna424-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-14.trna417-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-5.trna642-Pro-AGG           GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-5.trna643-Pro-AGG           GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-14.trna213-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-14.trna127-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-6.trna711-Pro-AGG           GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-6.trna712-Pro-AGG           GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-7.trna272-Pro-AGG           GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-8.trna44-Pro-AGG            GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-8.trna236-Pro-AGG           GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-9.trna60-Pro-AGG            GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-9.trna607-Pro-AGG           GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-13.trna514-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-13.trna487-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-13.trna477-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-13.trna469-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-13.trna292-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-13.trna270-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-10.trna506-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-12.trna399-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-11.trna366-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-11.trna88-Pro-AGG           GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-10.trna509-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-6.trna710-Pro-AGG           GG-GCAAUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-13.trna515-Pro-AGG          GG-GCAUUUGGUCCAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-13.trna259-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGUGAGAGGUCCCGAGUUCAA 57
chr-13.trna516-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAAUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-14.trna449-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAGGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-13.trna521-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAGGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-8.trna57-Pro-AGG            GG-GCAUUUGGUCUAGUGG--UAUGAUUCUUGCUUAGGGUGCGAGAGGUCUCGAGUUCAA 57
chr-14.trna370-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCAGUUCAA 57
chr-13.trna518-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUUGCUUAGGGUGCGAGAGGUCCCAAGUUCAA 57
chr-7.trna190-Pro-AGG           GG-GCAUUUGGUCUAGUGG--UAUGAUUCUUGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-13.trna520-Pro-AGG          AG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-14.trna446-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGG--UCCCGAGUUCAA 55
chr-13.trna517-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-14.trna408-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UACGAUUCUCGCUUAGGGUGCU-GAGGUCCCGAGUUCAA 56
chr-1.trna253-Pro-AGG           GG-GGAUUUAGUCUAGUGG--UAGGAUAUUUGCUUAGGGAGCAAAAGGUCCCGAGUUCAA 57
chr-2.trna278-Pro-AGG           GG-GGAUUUAGUCUAGUGG--UAGGAUAUUUGCUUAGGGAGCAAAAGGUCCCGAGUUCAA 57
chr-2.trna258-Pro-AGG           GG-GGAUUUAGUCUAGUGG--UAGGAUAUUUGUUUAGGGAGCAAAAGGUCCCGAGUUCAA 57
chr-2.trna268-Pro-AGG           GG-GGAUUUAGUCUAGUGG--UAGGAUAUUUUCUUAGGGAGCAAAAGGUCCCGAGUUCAA 57
chr-7.trna201-Pro-AGG           GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGUGAGAGGCCCCGAGUUCAA 57
chr-14.trna126-Pro-AGG          GG-GCAUUUGGUCUAGUGG--UAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUCAA 57
chr-7.trna188-Pro-AGG           GG-GGUUCUAGUAUAGCGG--UAAGAUAUUCUCUUAGGGAGCGAAAGGUUCCGAGUUGAA 57
chr-5.trna295-Pro-AGG           GCCAUAGGUAGCUCAGAGGAUUAGAGCACGUGGCUAGGAACCACGGUGUCAGGGGUUUGA 60
                                .........10........20........30........40........50.........
                                ..))))))))))..)).
chr-1.trna501-Pro-AGG           UUCUCGGAAUGC--CCC 72
chr-2.trna65-Pro-AGG            UUCUCGGAAUGC--CCC 72
chr-14.trna447-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-14.trna448-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-14.trna445-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-14.trna424-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-14.trna417-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-5.trna642-Pro-AGG           UUCUCGGAAUGC--CCC 72
chr-5.trna643-Pro-AGG           UUCUCGGAAUGC--CCC 72
chr-14.trna213-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-14.trna127-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-6.trna711-Pro-AGG           UUCUCGGAAUGC--CCC 72
chr-6.trna712-Pro-AGG           UUCUCGGAAUGC--CCC 72
chr-7.trna272-Pro-AGG           UUCUCGGAAUGC--CCC 72
chr-8.trna44-Pro-AGG            UUCUCGGAAUGC--CCC 72
chr-8.trna236-Pro-AGG           UUCUCGGAAUGC--CCC 72
chr-9.trna60-Pro-AGG            UUCUCGGAAUGC--CCC 72
chr-9.trna607-Pro-AGG           UUCUCGGAAUGC--CCC 72
chr-13.trna514-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-13.trna487-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-13.trna477-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-13.trna469-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-13.trna292-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-13.trna270-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-10.trna506-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-12.trna399-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-11.trna366-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-11.trna88-Pro-AGG           UUCUCGGAAUGC--CCC 72
chr-10.trna509-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-6.trna710-Pro-AGG           UUCUCGGAUUGC--CCC 72
chr-13.trna515-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-13.trna259-Pro-AGG          UUUUUGGAAUGC--CCC 72
chr-13.trna516-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-14.trna449-Pro-AGG          UUCUCAGAAUGC--CCC 72
chr-13.trna521-Pro-AGG          UUCUCGGAAUGC--CCC 72
chr-8.trna57-Pro-AGG            UUCACGGAAUGC--CCC 72
chr-14.trna370-Pro-AGG          UUCUCGGAAUGC--CCU 72
chr-13.trna518-Pro-AGG          UUCUCAGAAUGC--CCC 72
chr-7.trna190-Pro-AGG           UUCUCAUAAUGC--CCC 72
chr-13.trna520-Pro-AGG          UUCUCGGAAUGC--CAG 72
chr-14.trna446-Pro-AGG          UUCUCGGAAUGC--CCC 70
chr-13.trna517-Pro-AGG          UUCUCGGAAUGCACCCA 74
chr-14.trna408-Pro-AGG          UUCUCGGAAUGC--CCC 71
chr-1.trna253-Pro-AGG           UUCUCGGAAUCC--CCA 72
chr-2.trna278-Pro-AGG           UUCUCGGAAUCC--CCA 72
chr-2.trna258-Pro-AGG           UUCUCGGAAUCC--CCA 72
chr-2.trna268-Pro-AGG           UUCUCGGAAUCC--CCA 72
chr-7.trna201-Pro-AGG           UUAUUGGAAUGC--CCC 72
chr-14.trna126-Pro-AGG          UUUGAAGAAUGU--GCA 72
chr-7.trna188-Pro-AGG           UUCUCGGAAUCC--CCA 72
chr-5.trna295-Pro-AGG           -AUCCCUCCUC---GCC 73
                                .........70......
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