```
                                 ((((((((((.....((((.((((....)))).(((((..((((((...))))))..)))))).))))))
chr-02.trna101-Arg-ACG    GACUCUGUGGCCCAAUGGAUAAGGCGUUGGUCUACGGA-ACCAGAGAUUCUGGGUUCAAU 59
chr-01.trna22-Arg-ACG     GACUUUGUGGCCCAAUGGAUAAGGCGUUGGUCUACGGA-ACCAGAGAUUCUGGGUUCGAU 59
chr-02.trna81-Arg-ACG     GACUCUGUGGCCCAAUGGAUAAGGCGCUGGUCUACGAA-ACCAGAGAUUCUGGGUUCGAU 59
chr-07.trna40-Arg-ACG     GACUCUAUGGCCCAAUGGAUAAGGCGCUGGUCUACGAA-ACCAGAGAUUCUGGGUUCGAU 59
chr-03.trna39-Arg-ACG     GACUCUAUGGCCCAAUGGAUAAGGCGCUGGUCUACGAA-ACCAGAGAUUCUGGGUUCGAU 59
chr-12.trna90-Arg-ACG     GACUCCAUGGCCCAAUGGAUAAGGCGCUGGUCUACGAA-ACCAGAGAUUCUGGGUUCGAU 59
chr-14.trna18-Arg-ACG     GACUCCAUGGCCCAAUGGAUAAGGCGCUGGUCUACGAA-ACCAGAGAUUCUGGGUUCGAU 59
chr-02.trna185-Arg-ACG    GACUCCAUGGCCCAAUGGAUAAGGCGCUGGUCUACGAA-ACCAGAGAUUCUGGGUUCGAU 59
chr-06.trna234-Arg-ACG    GACUCCAUGGCCCAAUGGAUAAGGCGCUGGUCUACGAA-ACCAGAGAUUCUGGGUUCGAU 59
chr-07.trna67-Arg-ACG     GACUCCAUGGCCCAAUGGAUAAGGCGCUGGUCUACGAA-ACCAGAGAUUCUGGGUUCGAU 59
chr-03.trna29-Arg-ACG     GACUCCAUGGCCCAAUGGAUAAGGCGCUGGUCUACGAA-ACCAGAGAUUCUGGGUUCGAU 59
chr-06.trna82-Arg-ACG     GACUCUGUGGCCCAAUGGAUAAGGCGCUGGUCUACGGA-ACCAGAGAUUCUGGGUUCGAU 59
chr-06.trna83-Arg-ACG     GACUCUGUGGCCCAAUGGAUAAGGCGCUGGUCUACGGA-ACCAGAGAUUCUGGGUUCGAU 59
chr-01.trna63-Arg-ACG     GACUCUGUGGCCCAAUGGAUAAGGCGCUGGUCUACGGA-ACCAGAGAUUCUGGGUUCGAU 59
chr-01.trna64-Arg-ACG     GACUCUGUGGCCCAAUGGAUAAGGCGCUGGUCUACGGA-ACCAGAGAUUCUGGGUUCGAU 59
chr-05.trna110-Arg-ACG    GACUCUGUGGCCCAAUGGAUAAGGCGCUGGUCUACGGA-ACCAGAGAUUCUGGGUUCGAU 59
chr-02.trna100-Arg-ACG    GACUCUGUGGCCCAAUGGAUAAGGCGCUGGUCUACGGA-ACCAGAGAUUCUGGGUUCGAU 59
chr-10.trna42-Arg-ACG     GACUUUGUGGCCCAAUGGAUAAGGCGCUGGUCUACGGA-ACCAGAGAUUCUGGGUUCGAU 59
chr-13.trna167-Arg-ACG    GACUUUGUGGCCCAAUGGAUAAGGCGCUGGUCUACGGA-ACCAGAGAUUCUGGGUUCGAU 59
chr-01.trna23-Arg-ACG     GACUUUGUGGCCCAAUGGAUAAGGCGCUGGUCUACGGA-ACCAGAGAUUCUGGGUUCGAU 59
chr-10.trna41-Arg-ACG     GACUUUGUGGCCCAAUGGAUAAGGCGCUGGUCUACGGA-ACCAGAGAUUCUGGGUUCGAU 59
chr-01.trna24-Arg-ACG     GACUUUGUGGCCCAAUGGAUAAGGCGCUGGUCUACGGA-ACCAGAGAUUCUGGGUUCGAU 59
chr-10.trna43-Arg-ACG     GACUUUGUGGCCCAAUGGAUAAGGCGCUGGUCUACGGA-ACCAGAGAUUCUGGGUUCGAU 59
chr-02.trna186-Arg-ACG    GACUCCAUGGCCCAAUGGAUAAGGCGCUAGCCUACGGA-GCUAGAGAUUCUGGGUUCGAU 59
chr-02.trna188-Arg-ACG    GACUCCAUGGCCCAAUGGAUAAGGCGCUAGCCUACGGA-GCUAGAGAUUCUGGGUUCGAU 59
chr-02.trna189-Arg-ACG    GACUCCAUGGCCCAAUGGAUAAGGCGCUAGCCUACGGA-GCUAGAGAUUCUGGGUUCGAU 59
chr-02.trna187-Arg-ACG    GACUCCAUGGCCCAAUGGAUAAGGCGCUAGCCUACGGA-GUUAGAGAUUCUGGGUUCGAU 59
chr-06.trna31-Arg-ACG     GACUCCAUGGCCCAAUGGAUAAGGUGCUGGUCUACGAA-ACCAGAGAUUCUGGGUUCGAU 59
chr-06.trna28-Arg-ACG     GACUCCAUGGCCCAAUGGAUAAGGUGCUGGUCUACGGA-ACCAGAGAUUCUGGGUUCGAU 59
chr-02.trna99-Arg-ACG     GACUCUGUGGCCCAAUGGAUAAGGUGCUGGUCUACGGA-ACCAGAGAUUCUGGGUUCGAU 59
chr-02.trna239-Arg-ACG    GACUUCAUGGCCCAAUAGAUAAGGUGCUAGUCUACGGA-ACCAGAGAUUCUGGGUUCGAU 59
chr-06.trna29-Arg-ACG     GACUCCAUGGCCCAAUGGAUAAGGUGCUGGUCUACGGA-ACCAGAGAUUUUGGGUUUGAU 59
chr-06.trna141-Arg-ACG    GACUCCAUGGCCCAAUGG--AAGGCGUUGGUCAACGAAAACCAGAGAUUCUGG-UUCGAU 57
                          .........10........20........30........40........50.........

                          )))))..)))))))).
chr-02.trna101-Arg-ACG    CCCCAGCAGAGUCG 73
chr-01.trna22-Arg-ACG     CCCCAGCAAAGUCG 73
chr-02.trna81-Arg-ACG     CCCCAGCAGAGUCG 73
chr-07.trna40-Arg-ACG     CCCCAGUGGAGUCG 73
chr-03.trna39-Arg-ACG     CCCCAGUGGAGUCG 73
chr-12.trna90-Arg-ACG     CCCCAGUGGAGUCG 73
chr-14.trna18-Arg-ACG     CCCCAGUGGAGUCG 73
chr-02.trna185-Arg-ACG    CCCCAGUGGAGUCG 73
chr-06.trna234-Arg-ACG    CCCCAGUGGAGUCG 73
chr-07.trna67-Arg-ACG     CCCCAGUGGAGUCG 73
chr-03.trna29-Arg-ACG     CCCCAGUGGAGUCG 73
chr-06.trna82-Arg-ACG     CCCCAGCAGAGUCG 73
chr-06.trna83-Arg-ACG     CCCCAGCAGAGUCG 73
chr-01.trna63-Arg-ACG     CCCCAGCAGAGUCG 73
chr-01.trna64-Arg-ACG     CCCCAGCAGAGUCG 73
chr-05.trna110-Arg-ACG    CCCCAGCAGAGUCG 73
chr-02.trna100-Arg-ACG    CCCCAGCAGAGUCG 73
chr-10.trna42-Arg-ACG     CCCCAGCAAAGUCG 73
chr-13.trna167-Arg-ACG    CCCCAGCAAAGUCG 73
chr-01.trna23-Arg-ACG     CCCCAGCAAAGUCG 73
chr-10.trna41-Arg-ACG     CCCCAGCAAAGUCG 73
chr-01.trna24-Arg-ACG     CCCCAGCAAAGUCG 73
chr-10.trna43-Arg-ACG     CCCCAGCAAGGUUG 73
chr-02.trna186-Arg-ACG    CCCCAGUGGAGUCG 73
chr-02.trna188-Arg-ACG    CCCCAGUGGAGUCG 73
chr-02.trna189-Arg-ACG    CCCCAGUGGAGUCG 73
chr-02.trna187-Arg-ACG    CCCCAGUGGAGUCG 73
chr-06.trna31-Arg-ACG     CCCCAGUGGAGUCA 73
chr-06.trna28-Arg-ACG     CCCCAGUGGAGUCG 73
chr-02.trna99-Arg-ACG     CCCCAGCAGAGUCG 73
chr-02.trna239-Arg-ACG    CCCCAGUGAAGUCG 73
chr-06.trna29-Arg-ACG     CCCCAAUGGAGUCG 73
chr-06.trna141-Arg-ACG    CCCCAGUGGAGUCG 71
                          .........70...
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