```
                                (((((((..(((.(.....)).)))((((((........))))))(........)).
chr-G1.trna70-Leu-TAA    GCUGGUUUGCCCGAG-AGGU-UAAGGGGGAAGACUUAA-GAUCUUCUGCACAUAAGUGCG 57
chr-G1.trna84-Leu-TAA    GCUGGUUUGCCCGAG-AGGU-UAAGGGGGAAGACUUAA-GAUCUUCUGCACAUAAGUGCG 57
chr-G5.trna36-Leu-TAA    GCUGGUUUGCCCGAG-AGGU-UAAGGGGGAAGACUUAA-GAUCUUCUGCACAUAAGUGCG 57
chr-G5.trna37-Leu-TAA    GCUGGUUUGCCCGAG-AGGU-UAAGGGGGAAGACUUAA-GAUCUUCUGCACAUAAGUGCG 57
chr-G7.trna12-Leu-TAA    GCAGGUUUGCCCGAG-AGGU-UAAGGGGGUAGACUUAA-GAUCUACUGUACAUAAGUACG 57
chr-G2.trna16-Leu-CAA    GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAA-GUUCUGGUCCUCGAAAGAGGG 58
chr-G4.trna10-Leu-CAA    GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAA-GUUCUGGUCUUCGAAAGAGGG 58
chr-G1.trna25-Leu-CAA    GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAA-GUUCUGGUCUUCGAGAGAGGG 58
chr-G1.trna31-Leu-CAA    GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAA-GUUCUGGUCCUCUAACGAGGG 58
chr-G1.trna49-Leu-CAA    GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAA-GUUCUGGUCCUCUAACGAGGG 58
chr-G8.trna42-Leu-CAA    GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAA-GUUCUGGUCCUCUAACGAGGG 58
chr-G1.trna54-Leu-CAA    GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAA-GUUCUGGUCCUCUAACGAGGG 58
chr-G2.trna39-Leu-CAA    GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAA-GUUCUGGUCCUCUAACGAGGG 58
chr-G5.trna35-Leu-CAA    GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAA-GUUCUGGUCCUCUAACGAGGG 58
chr-G1.trna18-Leu-AAG    GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAG-GUUCUGGUCC----GAAAUGG 55
chr-G1.trna17-Leu-AAG    GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAG-GUUCUGGUCC----GAAAGGG 55
chr-G7.trna37-Leu-AAG    GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAG-GUUCUGGUCC----GAAAGGG 55
chr-G5.trna26-Leu-AAG    GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAG-GUUCUGGUCC----GAAAGGG 55
chr-G1.trna85-Leu-AAG    GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAG-GUUCUGGUCC----GAAAGGG 55
chr-G7.trna25-Leu-AAG    GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAG-GUUCUGGUCC----GAAAGGG 55
chr-G3.trna20-Leu-AAG    GUGGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAG-GUUCUGGUCC----GAAAGGG 55
chr-G6.trna17-Leu-AAG    GUUGAUAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAG-GUUCUGGUCC----GAAAGGG 55
chr-G6.trna16-Leu-AAG    GUUGAUAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAG-GUUCUGGUCC----GAAAGGG 55
chr-G4.trna2-Leu-CAG     GUCAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAG-GUACUGGUCC----GAAAGGG 55
chr-G5.trna20-Leu-CAG    GUCAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAG-GUACUGGUCC----GAAAGGG 55
chr-G3.trna11-Leu-CAG    GUCAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAG-GUACUGGUCC----GAAAGGG 55
chr-G5.trna14-Leu-CAG    GUCAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAG-GUACUGGUCC----GAAAGGG 55
chr-G5.trna25-Leu-TAG    GACAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAG-GCUCUGGUCC----GAAAGGG 54
chr-G7.trna9-Leu-TAG     GACAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAG-GCUCUGGUCC----GAAAGGG 54
chr-G2.trna32-Leu-TAG    GACAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAG-GCUCUGGUCC----GAAAGGG 54
chr-G2.trna31-Leu-TAG    GACAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAG-GCUCUGGUCC----GAAAGGG 54
chr-G2.trna33-Leu-TAG    GACAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAG-GCUCUGGUCC----GAAAGGG 54
chr-G1.trna19-Leu-TAG    GACGGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAG-GCUCUGGUCC----GAAAGGG 54
chr-G5.trna47-Leu-TAG    GCCGCUAUGGUGAAAUAGGU-AGACACGCUGCUCUUAG-GAAGCAGUGC----UAGAGCA 54
chr-G7.trna41-Leu-TAG    GCCGCUAUGGUGAAAUCGAU-AGACACACUGCUCUUAG-GAAGCAAUGC----UAGAGCA 54
chr-G1.trna62-Leu-AAG    GGAUCCAUAAGCUCAUUGGUUAGAGCGCCCAAACUAAGAGGUUUGGG---------AGGU 51
                         .........10........20........30........40........50.........

                         .(((((.......)))))))))))).
chr-G1.trna70-Leu-TAA    CAUGGGUUCGAACCCCAUAGCCAGCA 83
chr-G1.trna84-Leu-TAA    CAUGGGUUCGAACCCCAUAGCCAGCA 83
chr-G5.trna36-Leu-TAA    CAUGGGUUCGAACCCCAUAGCCAGCA 83
chr-G5.trna37-Leu-TAA    CAUGGGUUCGAACCCCAUAGCCAGCA 83
chr-G7.trna12-Leu-TAA    CGUGGGUUCGAACCCCACAGCCUGCA 83
chr-G2.trna16-Leu-CAA    CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-G4.trna10-Leu-CAA    CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-G1.trna25-Leu-CAA    CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-G1.trna31-Leu-CAA    CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-G1.trna49-Leu-CAA    CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-G8.trna42-Leu-CAA    CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-G1.trna54-Leu-CAA    CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-G2.trna39-Leu-CAA    CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-G5.trna35-Leu-CAA    CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-G1.trna18-Leu-AAG    CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-G1.trna17-Leu-AAG    CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-G7.trna37-Leu-AAG    CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-G5.trna26-Leu-AAG    CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-G1.trna85-Leu-AAG    CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-G7.trna25-Leu-AAG    CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-G3.trna20-Leu-AAG    CGUGGGUUCAAAUCCCACUCUCCACA 81
chr-G6.trna17-Leu-AAG    CGUGGGUUCAAAUCCCACUGUCAACA 81
chr-G6.trna16-Leu-AAG    CGUGGGUUCAAAUCCCACUGUCAACA 81
chr-G4.trna2-Leu-CAG     CAUGGGUUCGAAUCCCAUUCUUGACA 81
chr-G5.trna20-Leu-CAG    CAUGGGUUCGAAUCCCAUUCUUGACA 81
chr-G3.trna11-Leu-CAG    CAUGGGUUCGAAUCCCAUUCUUGACA 81
chr-G5.trna14-Leu-CAG    CAUGGGUUCGAAUCCCAUUCUUGACA 81
chr-G5.trna25-Leu-TAG    CGUGGGUUCAAAUCCCACAGCUGUCA 80
chr-G7.trna9-Leu-TAG     CGUGGGUUCAAAUCCCACAGCUGUCA 80
chr-G2.trna32-Leu-TAG    CGUGGGUUCAAAUCCCACAGCUGUCA 80
chr-G2.trna31-Leu-TAG    CGUGGGUUCAAAUCCCACAGCUGUCA 80
chr-G2.trna33-Leu-TAG    CGUGGGUUCAAAUCCCACAGCUGUCA 80
chr-G1.trna19-Leu-TAG    CGUGGGUUCAAAUCCCACAGCCGUCA 80
chr-G5.trna47-Leu-TAG    UCUUGGUUCGAGUCCGAGUGGCGGCA 80
chr-G7.trna41-Leu-TAG    UCUCGGUUCAAGUCCAAGUGGCGGCA 80
chr-G1.trna62-Leu-AAG    UGGUGGUUCGAAUCCACCUGGAUCCG 77
                         .........70........80.....
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