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                                                  (((((((..(((.(.....)).))))))(((.....)))))))(.......)).. 
chr-16.trna11-Leu-TAG   GACAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC----GAAAGGGC 55
chr-17.trna14-Leu-TAG   GACAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC----GAAAGGGC 55
chr-15.trna22-Leu-TAG   GACAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC----GAAAGGGC 55
chr-10.trna7-Leu-TAG    GACAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC----GAAAGGGC 55
chr-8.trna19-Leu-TAG    GACAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC----GAAAGGGC 55
chr-17.trna15-Leu-TAG   GAUAGUUUGGCCGAG-UAGUCUAAGGUUCCAAAUUUAGGCUUUGGUCU----GAAAGGGC 55
chr-17.trna5-Leu-CAG    GUCAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC----GAAAGGGC 56
chr-17.trna11-Leu-CAG   GUCAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC----GAAAGGGC 56
chr-12.trna21-Leu-CAG   GUCAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC----GAAAGGGC 56
chr-12.trna20-Leu-CAG   GUCAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC----GAAAGGGC 56
chr-10.trna10-Leu-CAG   GUCAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC----GAAAGGGC 56
chr-1.trna18-Leu-AAG    GUGGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC----GAAAGGGC 56
chr-2.trna23-Leu-AAG    GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC----GAAAGGGC 56
chr-18.trna14-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC----GAAAGGGC 56
chr-6.trna33-Leu-AAG    GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC----GAAAGGGC 56
chr-7.trna3-Leu-AAG     GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC----GAAAGGGC 56
chr-15.trna17-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC----GAAAGGGC 56
chr-17.trna7-Leu-AAG    GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC----GAAAGGGC 56
chr-14.trna2-Leu-AAG    GUGGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC----GAAAGGGC 56
chr-11.trna12-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC----GAAAGGGC 56
chr-19.trna9-Leu-CAG    GUCAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGUUCC----GAAAGGGC 56
chr-2.trna14-Leu-CAA    GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCCUCGAGAGAGGGC 59
chr-16.trna13-Leu-CAA   GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCCUCGAGAGAGGGC 59
chr-3.trna1-Leu-CAA     GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCUUCGAGAGAAGGC 59
chr-15.trna4-Leu-CAA    GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCUUCGAGAGAAGGC 59
chr-4.trna3-Leu-CAA     GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCCUCGUGAGAGGGC 59
chr-3.trna9-Leu-TAA     GCUGGUUUGCCCGAG-AGGU-UAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGCGC 58
chr-6.trna1-Leu-TAA     GCUGGUUUGCCCGAG-AGGU-UAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGCGC 58
chr-7.trna8-Leu-TAA     GCUGGUUUGCCCGAG-AGGU-UAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGCGC 58
chr-8.trna21-Leu-TAA    GCUGGUUUGCCCGAG-AGGU-UAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGCGC 58
chr-12.trna15-Leu-TAG   GCCGCUAUGGUGAAAUUGGU-GGACACGCUGCUCUUAGGAAGCAGGGC----UAGAGCAU 55
chr-10.trna3-Leu-AAG    GUUGUGAUGGUCGAGUUGGUUUUAGGUGCUAAAUUAAGGUUCUGGU------------GU 48
                        .........10.........20.........30.........40.........50.........
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                                                  (((((.......)))))))))))).
chr-16.trna11-Leu-TAG   GUGGGUUCAAAUCCCACAGCUGUCA 80
chr-17.trna14-Leu-TAG   GUGGGUUCAAAUCCCACAGCUGUCA 80
chr-15.trna22-Leu-TAG   GUGGGUUCAAAUCCCACAGCUGUCA 80
chr-10.trna7-Leu-TAG    GUGGGUUCAAAUCCCACAGCUGUCA 80
chr-8.trna19-Leu-TAG    GUGGGUUCAAAUCCCACAGCUGUCA 80
chr-17.trna15-Leu-TAG   AUGGGUUCAAAUUCCAUAACUGUCA 80
chr-17.trna5-Leu-CAG    AUGGGUUCGAAUCCCAUUCUUGACA 81
chr-17.trna11-Leu-CAG   AUGGGUUCGAAUCCCAUUCUUGACA 81
chr-12.trna21-Leu-CAG   AUGGGUUCGAAUCCCAUUCUUGACA 81
chr-12.trna20-Leu-CAG   AUGGGUUCGAAUCCCAUUCUUGACA 81
chr-10.trna10-Leu-CAG   AUGGGUUCGAAUCCCAUUCUUGACA 81
chr-1.trna18-Leu-AAG    GUGGGUUCAAAUCCCACUCUCCACA 81
chr-2.trna23-Leu-AAG    GUGGGUUCAAAUCCCACUCUCAACA 81
chr-18.trna14-Leu-AAG   GUGGGUUCAAAUCCCACUCUCAACA 81
chr-6.trna33-Leu-AAG    GUGGGUUCAAAUCCCACUCUCAACA 81
chr-7.trna3-Leu-AAG     GUGGGUUCAAAUCCCACUCUCAACA 81
chr-15.trna17-Leu-AAG   GUGGGUUCAAAUCCCACUCUCAACA 81
chr-17.trna7-Leu-AAG    GUGGGUUCAAAUCCCACUCUCAACA 81
chr-14.trna2-Leu-AAG    GUGGGUUCAAAUCCCACUCUCCACA 81
chr-11.trna12-Leu-AAG   GUGGGUUCAAAUCCCACUCUCAACA 81
chr-19.trna9-Leu-CAG    AUGGGCUCAAAUCCCUUUCUUGACA 81
chr-2.trna14-Leu-CAA    GUGGGUUCAAAUCCCACUUCUGACA 84
chr-16.trna13-Leu-CAA   GUGGGUUCAAAUCCCACUUCUGACA 84
chr-3.trna1-Leu-CAA     GUGGGUUCAAAUCCCACUUCUGACA 84
chr-15.trna4-Leu-CAA    GUGGGUUCAAAUCCCACUUCUGACA 84
chr-4.trna3-Leu-CAA     GUGGGUUCAAAUCCCACUUCUGACA 84
chr-3.trna9-Leu-TAA     GUGGGUUCGAACCCCACAGCCAGCA 83
chr-6.trna1-Leu-TAA     GUGGGUUCGAACCCCACAGCCAGCA 83
chr-7.trna8-Leu-TAA     GUGGGUUCGAACCCCACAGCCAGCA 83
chr-8.trna21-Leu-TAA    GUGGGUUCGAACCCCACAGCCAGCA 83
chr-12.trna15-Leu-TAG   CUUGGUUCAAGUCCGAGUGGCGGCA 80
chr-10.trna3-Leu-AAG    GUGGGUUCAAAUCCCACUCUCAACA 73
                        .........70.........80....
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