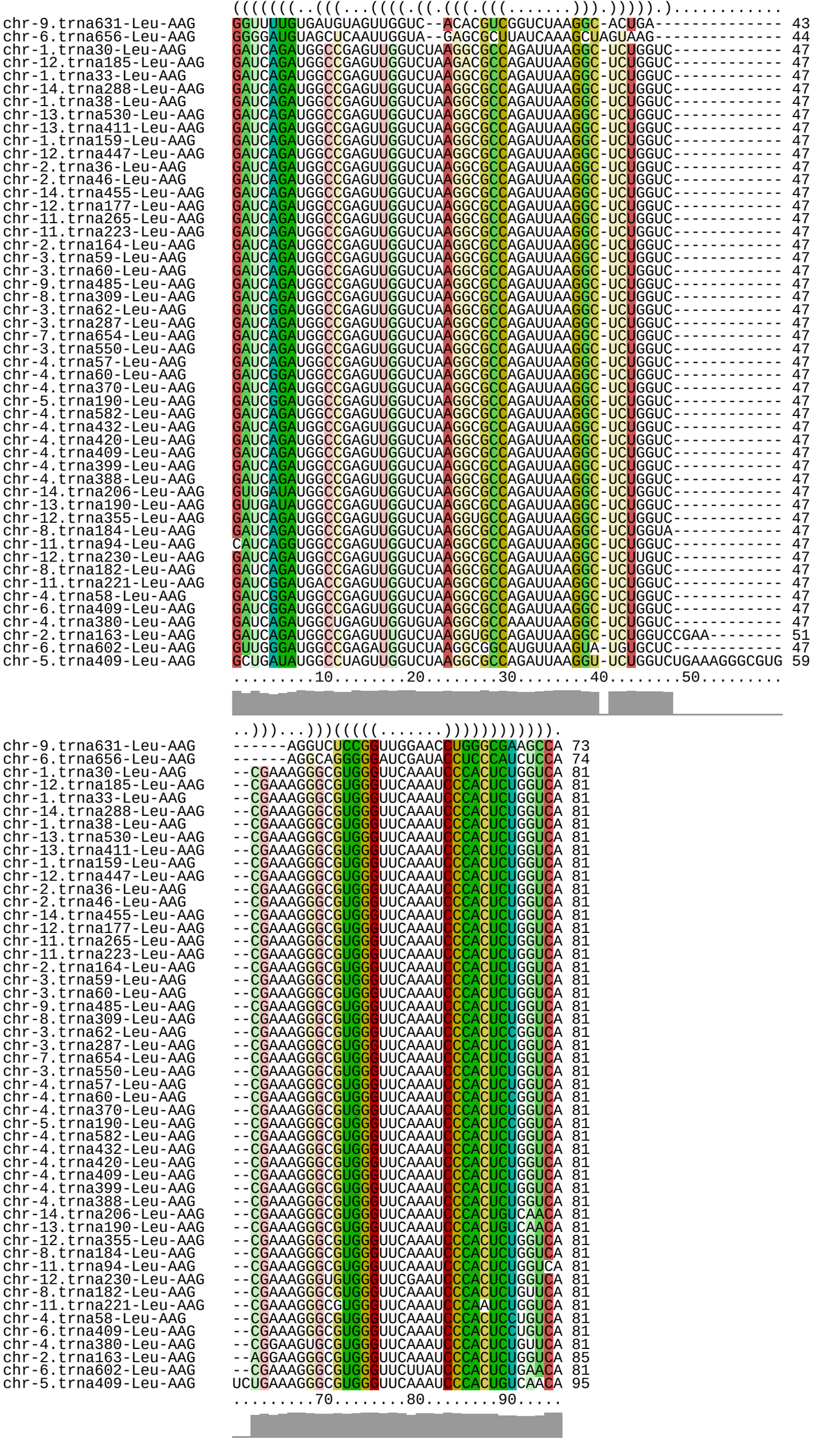
(((((((..(((...((((.((.(((.(((.....))).))))))..)).....
chr-9.trna631-Leu-AAG GGUUUUGUGAUGUAGUUGGUC--ACACGUCGGUCUAAGGC-ACUGA---------- 43
chr-6.trna656-Leu-AAG GGGGAUGUAGCUCAAUUGGUA--GAGCGCUUAUCAAAGCUAGUAAG---------- 44
chr-1.trna30-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-12.trna185-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGACGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-1.trna33-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-14.trna288-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-1.trna38-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-13.trna530-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-13.trna411-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-1.trna159-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-12.trna447-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-2.trna36-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-2.trna46-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-14.trna455-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-12.trna177-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-11.trna265-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-11.trna223-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-2.trna164-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-3.trna59-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-3.trna60-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-9.trna485-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-8.trna309-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-3.trna62-Leu-AAG GAUCGGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-3.trna287-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-7.trna654-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-3.trna550-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-4.trna57-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-4.trna60-Leu-AAG GAUCGGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-4.trna370-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-5.trna190-Leu-AAG GAUCGGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-4.trna582-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-4.trna432-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-4.trna420-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-4.trna409-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-4.trna399-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-4.trna388-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-14.trna206-Leu-AAG GUUGAUAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-13.trna190-Leu-AAG GUUGAUAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-12.trna355-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGUGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-8.trna184-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUA---------- 47
chr-11.trna94-Leu-AAG CAUCAGGUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-12.trna230-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUUGUC---------- 47
chr-8.trna182-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-11.trna221-Leu-AAG GAUCGGAUGACCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-4.trna58-Leu-AAG GAUCGGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-6.trna409-Leu-AAG GAUCGGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGC-UCUGGUC---------- 47
chr-4.trna380-Leu-AAG GAUCAGAUGGCUGAGUUGGUGUAAGGCGCCAAAUUAAGGC-UCUGGUC---------- 47
chr-2.trna163-Leu-AAG GAUCAGAUGGCCGAGUUGGUCUAAGGUGCCAGAUUAAGGC-UCUGGUCCGAA-------- 51
chr-6.trna602-Leu-AAG GUUGGGAUGGCCGAGAUGGUCUAAGGCGGCAUGUUAAGUA-UGUGCUC---------- 47
chr-5.trna409-Leu-AAG GCUGAUAUGGCCUAGUUGGUCUAAGGCGCCAGAUUAAGGU-UCUGGUCUGAAAGGGCGUG 59
.........10.........20.........30.........40.........50.........
..))).))))(((((.......)))))))))))).
chr-9.trna631-Leu-AAG ------AGGUCUCCGGUUGGAACCUGGGCGAAGCCA 73
chr-6.trna656-Leu-AAG ------AGGCAGGGGGAUCGAUACCUCCCAUCUCCA 74
chr-1.trna30-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-12.trna185-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-1.trna33-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-14.trna288-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-1.trna38-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-13.trna530-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-13.trna411-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-1.trna159-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-12.trna447-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-2.trna36-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-2.trna46-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-14.trna455-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-12.trna177-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-11.trna265-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-11.trna223-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-2.trna164-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-3.trna59-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-3.trna60-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-9.trna485-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-8.trna309-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-3.trna62-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCCGGUCA 81
chr-3.trna287-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-7.trna654-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-3.trna550-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-4.trna57-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-4.trna60-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCCGGUCA 81
chr-4.trna370-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-5.trna190-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCCGGUCA 81
chr-4.trna582-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-4.trna432-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-4.trna420-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-4.trna409-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-4.trna399-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-4.trna388-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-14.trna206-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUGUCAACA 81
chr-13.trna190-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUGUCAACA 81
chr-12.trna355-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-8.trna184-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-11.trna94-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 81
chr-12.trna230-Leu-AAG --CGAAAGGGUGUGGGUUCGAAUCCCACUCUGGUCA 81
chr-8.trna182-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCUGUUCA 81
chr-11.trna221-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCAAUCUGGUCA 81
chr-4.trna58-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCCUGUCA 81
chr-6.trna409-Leu-AAG --CGAAAGGGCGUGGGUUCAAAUCCCACUCCUGUCA 81
chr-4.trna380-Leu-AAG --CGGAAGUGCGUGGGUUCAAAUCCCACUCUGUUCA 81
chr-2.trna163-Leu-AAG --AGGAAGGGCGUGGGUUCAAAUCCCACUCUGGUCA 85
chr-6.trna602-Leu-AAG --CGAAAGGGCGUGGGUUCUUAUCCCACUCUGAACA 81
chr-5.trna409-Leu-AAG UCUGAAAGGGCGUGGGUUCAAAUCCCACUGUCAACA 95
.........70.........80.........90.....