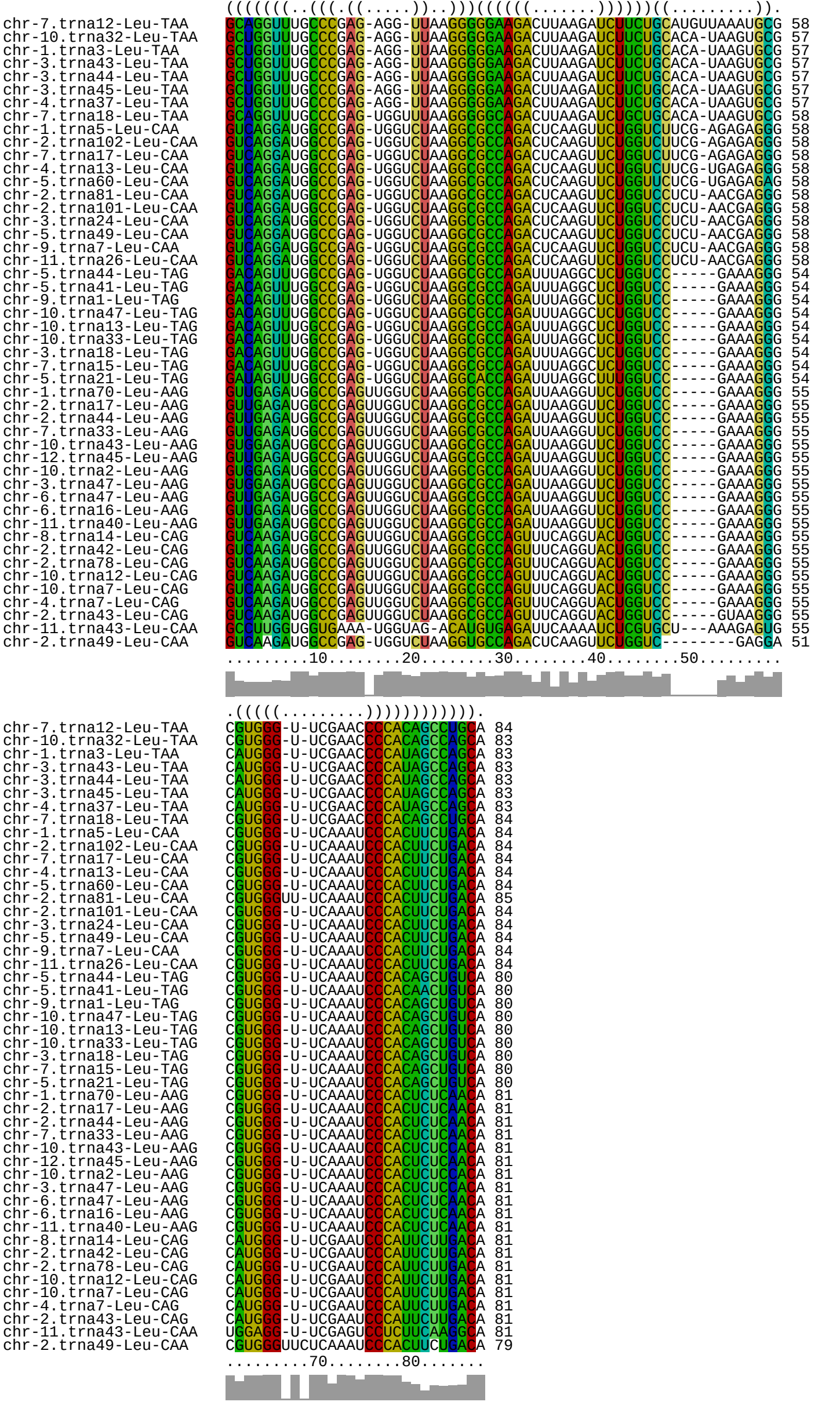
(((((((..(((.(.....)).)))((((((.....)))))).(.....)).
chr-7.trna12-Leu-TAA GCAGGUUUGCCCGAG-AGG-UUAAGGGGGAAGACUUAAGAUCUUCUGCAUGUUAAAUGCG 58
chr-10.trna32-Leu-TAA GCUGGUUUGCCCGAG-AGG-UUAAGGGGGAAGACUUAAGAUCUUCUGCACA-UAAGUGCG 57
chr-1.trna3-Leu-TAA GCUGGUUUGCCCGAG-AGG-UUAAGGGGGAAGACUUAAGAUCUUCUGCACA-UAAGUGCG 57
chr-3.trna43-Leu-TAA GCUGGUUUGCCCGAG-AGG-UUAAGGGGGAAGACUUAAGAUCUUCUGCACA-UAAGUGCG 57
chr-3.trna44-Leu-TAA GCUGGUUUGCCCGAG-AGG-UUAAGGGGGAAGACUUAAGAUCUUCUGCACA-UAAGUGCG 57
chr-3.trna45-Leu-TAA GCUGGUUUGCCCGAG-AGG-UUAAGGGGGAAGACUUAAGAUCUUCUGCACA-UAAGUGCG 57
chr-4.trna37-Leu-TAA GCUGGUUUGCCCGAG-AGG-UUAAGGGGGAAGACUUAAGAUCUUCUGCACA-UAAGUGCG 57
chr-7.trna18-Leu-TAA GCAGGUUUGCCCGAG-UGGUUUAAGGGGGCAGACUUAAGAUCUGCUGCACA-UAAGUGCG 58
chr-1.trna5-Leu-CAA GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCUUCG-AGAGAGGG 58
chr-2.trna102-Leu-CAA GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCUUCG-AGAGAGGG 58
chr-7.trna17-Leu-CAA GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCUUCG-AGAGAGGG 58
chr-4.trna13-Leu-CAA GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCUUCG-UGAGAGGG 58
chr-5.trna60-Leu-CAA GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCCUCG-UGAGAGAG 58
chr-2.trna81-Leu-CAA GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCCUCU-AACGAGGG 58
chr-2.trna101-Leu-CAA GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCCUCU-AACGAGGG 58
chr-3.trna24-Leu-CAA GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCCUCU-AACGAGGG 58
chr-5.trna49-Leu-CAA GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCCUCU-AACGAGGG 58
chr-9.trna7-Leu-CAA GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCCUCU-AACGAGGG 58
chr-11.trna26-Leu-CAA GUCAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCCUCU-AACGAGGG 58
chr-5.trna44-Leu-TAG GACAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC-----GAAAGGG 54
chr-5.trna41-Leu-TAG GACAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC-----GAAAGGG 54
chr-9.trna1-Leu-TAG GACAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC-----GAAAGGG 54
chr-10.trna47-Leu-TAG GACAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC-----GAAAGGG 54
chr-10.trna13-Leu-TAG GACAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC-----GAAAGGG 54
chr-10.trna33-Leu-TAG GACAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC-----GAAAGGG 54
chr-3.trna18-Leu-TAG GACAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC-----GAAAGGG 54
chr-7.trna15-Leu-TAG GACAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC-----GAAAGGG 54
chr-5.trna21-Leu-TAG GAUAGUUUGGCCGAG-UGGUCUAAGGCACCAGAUUUAGGCUUUGGUCC-----GAAAGGG 54
chr-1.trna70-Leu-AAG GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC-----GAAAGGG 55
chr-2.trna17-Leu-AAG GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC-----GAAAGGG 55
chr-2.trna44-Leu-AAG GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC-----GAAAGGG 55
chr-7.trna33-Leu-AAG GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC-----GAAAGGG 55
chr-10.trna43-Leu-AAG GUGGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC-----GAAAGGG 55
chr-12.trna45-Leu-AAG GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC-----GAAAGGG 55
chr-10.trna2-Leu-AAG GUGGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC-----GAAAGGG 55
chr-3.trna47-Leu-AAG GUGGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC-----GAAAGGG 55
chr-6.trna47-Leu-AAG GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC-----GAAAGGG 55
chr-6.trna16-Leu-AAG GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC-----GAAAGGG 55
chr-11.trna40-Leu-AAG GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC-----GAAAGGG 55
chr-8.trna14-Leu-CAG GUCAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC-----GAAAGGG 55
chr-2.trna42-Leu-CAG GUCAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC-----GAAAGGG 55
chr-2.trna78-Leu-CAG GUCAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC-----GAAAGGG 55
chr-10.trna12-Leu-CAG GUCAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC-----GAAAGGG 55
chr-10.trna7-Leu-CAG GUCAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC-----GAAAGGG 55
chr-4.trna7-Leu-CAG GUCAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC-----GAAAGGG 55
chr-2.trna43-Leu-CAG GUCAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC-----GUAAGGG 55
chr-11.trna43-Leu-CAA GCCUUGGUGGUGAAA-UGGUAG-ACAUGUGAGAUUCAAAAUCUCGUGCU---AAAGAGUG 55
chr-2.trna49-Leu-CAA GUCAAGAUGGCCGAG-UGGUCUAAGGUGCCAGACUCAAGUUCUGGUC--------GAGGA 51
.........10........20........30........40........50.........
.(((((.........)))))))))))).
chr-7.trna12-Leu-TAA CGUGGG-U-UCGAACCCCACAGCCUGCA 84
chr-10.trna32-Leu-TAA CGUGGG-U-UCGAACCCCACAGCCAGCA 83
chr-1.trna3-Leu-TAA CAUGGG-U-UCGAACCCCAUAGCCAGCA 83
chr-3.trna43-Leu-TAA CAUGGG-U-UCGAACCCCAUAGCCAGCA 83
chr-3.trna44-Leu-TAA CAUGGG-U-UCGAACCCCAUAGCCAGCA 83
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chr-4.trna37-Leu-TAA CAUGGG-U-UCGAACCCCAUAGCCAGCA 83
chr-7.trna18-Leu-TAA CGUGGG-U-UCGAACCCCACAGCCUGCA 84
chr-1.trna5-Leu-CAA CGUGGG-U-UCAAAUCCCACUUCUGACA 84
chr-2.trna102-Leu-CAA CGUGGG-U-UCAAAUCCCACUUCUGACA 84
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chr-5.trna60-Leu-CAA CGUGGG-U-UCAAAUCCCACUUCUGACA 84
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chr-9.trna1-Leu-TAG CGUGGG-U-UCAAAUCCCACAGCUGUCA 80
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chr-5.trna21-Leu-TAG CGUGGG-U-UCAAAUCCCACAGCUGUCA 80
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chr-2.trna44-Leu-AAG CGUGGG-U-UCAAAUCCCACUCUCAACA 81
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chr-10.trna2-Leu-AAG CGUGGG-U-UCAAAUCCCACUCUCCACA 81
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chr-6.trna16-Leu-AAG CGUGGG-U-UCAAAUCCCACUCUCAACA 81
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chr-8.trna14-Leu-CAG CAUGGG-U-UCGAAUCCCAUUCUUGACA 81
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chr-10.trna12-Leu-CAG CAUGGG-U-UCGAAUCCCAUUCUUGACA 81
chr-10.trna7-Leu-CAG CAUGGG-U-UCGAAUCCCAUUCUUGACA 81
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chr-2.trna43-Leu-CAG CAUGGG-U-UCGAAUCCCAUUCUUGACA 81
chr-11.trna43-Leu-CAA UGGAGG-U-UCGAGUCCUCUUCAAGGCA 81
chr-2.trna49-Leu-CAA CGUGGGUUCUCAAAUCCCACUUCUGACA 79
.........70........80.....