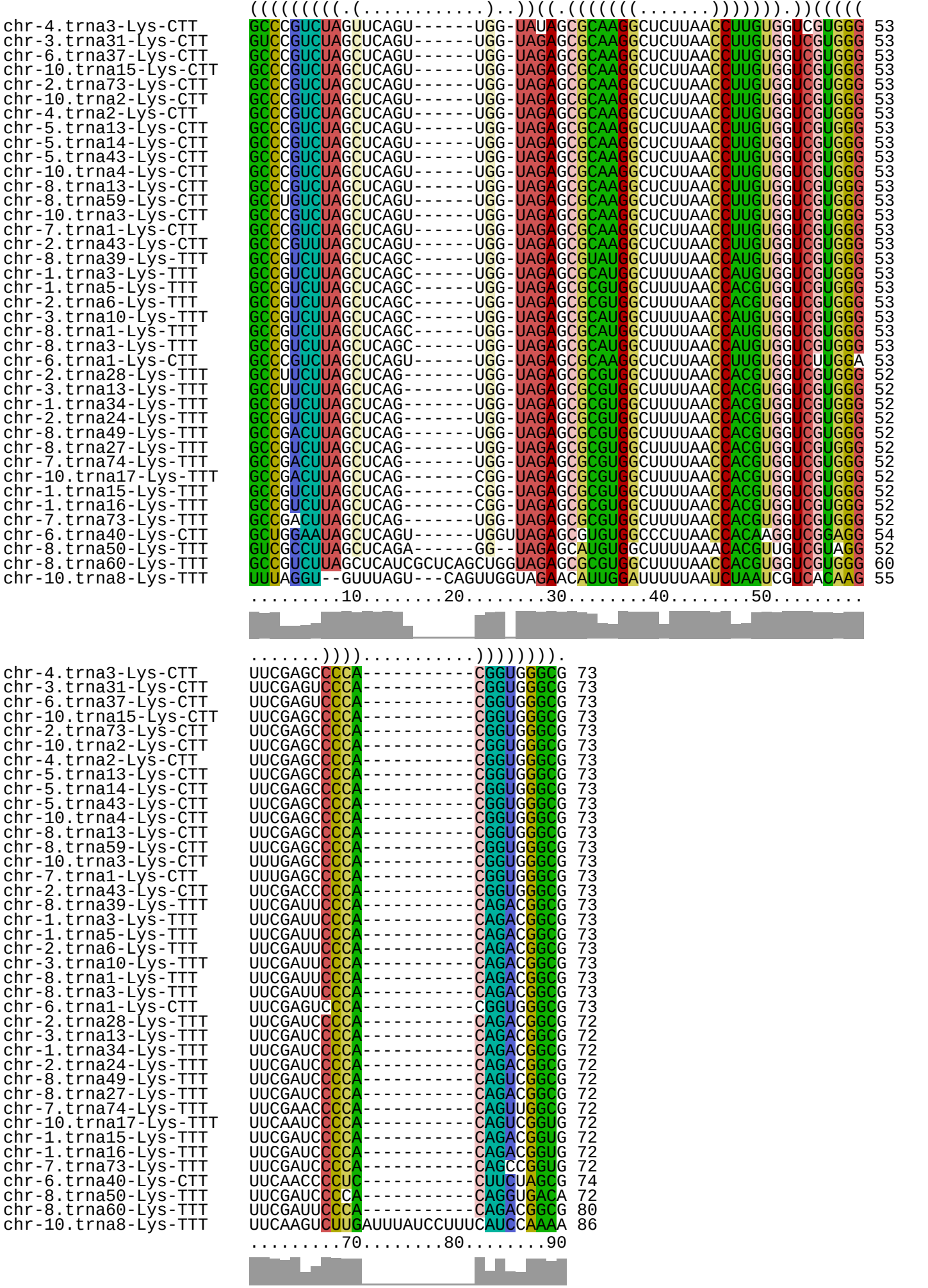
(((((((((.(.....).)))(.(((((((.....)))))))).)))))
chr-4.trna3-Lys-CTT GCCCGUCUAGUUCAGU------UGG-UAUAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 53
chr-3.trna31-Lys-CTT GUCCGUCUAGCUCAGU------UGG-UAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 53
chr-6.trna37-Lys-CTT GCCCGUCUAGCUCAGU------UGG-UAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 53
chr-10.trna15-Lys-CTT GCCCGUCUAGCUCAGU------UGG-UAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 53
chr-2.trna73-Lys-CTT GCCCGUCUAGCUCAGU------UGG-UAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 53
chr-10.trna2-Lys-CTT GCCCGUCUAGCUCAGU------UGG-UAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 53
chr-4.trna2-Lys-CTT GCCCGUCUAGCUCAGU------UGG-UAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 53
chr-5.trna13-Lys-CTT GCCCGUCUAGCUCAGU------UGG-UAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 53
chr-5.trna14-Lys-CTT GCCCGUCUAGCUCAGU------UGG-UAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 53
chr-5.trna43-Lys-CTT GCCCGUCUAGCUCAGU------UGG-UAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 53
chr-10.trna4-Lys-CTT GCCCGUCUAGCUCAGU------UGG-UAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 53
chr-8.trna13-Lys-CTT GCCCGUCUAGCUCAGU------UGG-UAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 53
chr-8.trna59-Lys-CTT GCCUGUCUAGCUCAGU------UGG-UAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 53
chr-10.trna3-Lys-CTT GCCCGUCUAGCUCAGU------UGG-UAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 53
chr-7.trna1-Lys-CTT GCCCGUCUAGCUCAGU------UGG-UAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 53
chr-2.trna43-Lys-CTT GCCCGUUUAGCUCAGU------UGG-UAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 53
chr-8.trna39-Lys-TTT GCCGUCUUAGCUCAGC------UGG-UAGAGCGUAUGGCUUUUAACCAUGUGGUCGUGGG 53
chr-1.trna3-Lys-TTT GCCGUCUUAGCUCAGC------UGG-UAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGG 53
chr-1.trna5-Lys-TTT GCCGUCUUAGCUCAGC------UGG-UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGG 53
chr-2.trna6-Lys-TTT GCCGUCUUAGCUCAGC------UGG-UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGG 53
chr-3.trna10-Lys-TTT GCCGUCUUAGCUCAGC------UGG-UAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGG 53
chr-8.trna1-Lys-TTT GCCGUCUUAGCUCAGC------UGG-UAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGG 53
chr-8.trna3-Lys-TTT GCCGUCUUAGCUCAGC------UGG-UAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGG 53
chr-6.trna1-Lys-CTT GCCCGUCUAGCUCAGU------UGG-UAGAGCGCAAGGCUCUUAACCUUGUGGUCUUGGA 53
chr-2.trna28-Lys-TTT GCCUUCUUAGCUCAG-------UGG-UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGG 52
chr-3.trna13-Lys-TTT GCCUUCUUAGCUCAG-------UGG-UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGG 52
chr-1.trna34-Lys-TTT GCCGUCUUAGCUCAG-------UGG-UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGG 52
chr-2.trna24-Lys-TTT GCCGUCUUAGCUCAG-------UGG-UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGG 52
chr-8.trna49-Lys-TTT GCCGACUUAGCUCAG-------UGG-UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGG 52
chr-8.trna27-Lys-TTT GCCGUCUUAGCUCAG-------UGG-UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGG 52
chr-7.trna74-Lys-TTT GCCGACUUAGCUCAG-------UGG-UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGG 52
chr-10.trna17-Lys-TTT GCCGACUUAGCUCAG-------CGG-UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGG 52
chr-1.trna15-Lys-TTT GCCGUCUUAGCUCAG-------CGG-UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGG 52
chr-1.trna16-Lys-TTT GCCGUCUUAGCUCAG-------CGG-UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGG 52
chr-7.trna73-Lys-TTT GCCGACUUAGCUCAG-------UGG-UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGG 52
chr-6.trna40-Lys-CTT GCUGGAAUAGCUCAGU------UGGUUAGAGCGUGUGGCCCUUAACCACAAGGUCGGAGG 54
chr-8.trna50-Lys-TTT GUCGCCUUAGCUCAGA------GG--UAGAGCAUGUGGCUUUUAAACACGUUGUCGUAGG 52
chr-8.trna60-Lys-TTT GCCGUCUUAGCUCAUCGCUCAGCUGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGG 60
chr-10.trna8-Lys-TTT UUUAGGU--GUUUAGU---CAGUUGGUAGAACAUUGGAUUUUUAAUCUAAUCGUCACAAG 55
.........10.........20.........30.........40.........50.........
.......))))...........)))))))).
chr-4.trna3-Lys-CTT UUCGAGCCCCA----------CGGUGGGCG 73
chr-3.trna31-Lys-CTT UUCGAGUCCCA----------CGGUGGGCG 73
chr-6.trna37-Lys-CTT UUCGAGUCCCA----------CGGUGGGCG 73
chr-10.trna15-Lys-CTT UUCGAGCCCCA----------CGGUGGGCG 73
chr-2.trna73-Lys-CTT UUCGAGCCCCA----------CGGUGGGCG 73
chr-10.trna2-Lys-CTT UUCGAGCCCCA----------CGGUGGGCG 73
chr-4.trna2-Lys-CTT UUCGAGCCCCA----------CGGUGGGCG 73
chr-5.trna13-Lys-CTT UUCGAGCCCCA----------CGGUGGGCG 73
chr-5.trna14-Lys-CTT UUCGAGCCCCA----------CGGUGGGCG 73
chr-5.trna43-Lys-CTT UUCGAGCCCCA----------CGGUGGGCG 73
chr-10.trna4-Lys-CTT UUCGAGCCCCA----------CGGUGGGCG 73
chr-8.trna13-Lys-CTT UUCGAGCCCCA----------CGGUGGGCG 73
chr-8.trna59-Lys-CTT UUCGAGCCCCA----------CGGUGGGCG 73
chr-10.trna3-Lys-CTT UUUGAGCCCCA----------CGGUGGGCG 73
chr-7.trna1-Lys-CTT UUUGAGCCCCA----------CGGUGGGCG 73
chr-2.trna43-Lys-CTT UUCGACCCCCA----------CGGUGGGCG 73
chr-8.trna39-Lys-TTT UUCGAUUCCCA----------CAGACGGCG 73
chr-1.trna3-Lys-TTT UUCGAUUCCCA----------CAGACGGCG 73
chr-1.trna5-Lys-TTT UUCGAUUCCCA----------CAGACGGCG 73
chr-2.trna6-Lys-TTT UUCGAUUCCCA----------CAGACGGCG 73
chr-3.trna10-Lys-TTT UUCGAUUCCCA----------CAGACGGCG 73
chr-8.trna1-Lys-TTT UUCGAUUCCCA----------CAGACGGCG 73
chr-8.trna3-Lys-TTT UUCGAUUCCCA----------CAGACGGCG 73
chr-6.trna1-Lys-CTT UUCGAGUCCCA----------CGGUGGGCG 73
chr-2.trna28-Lys-TTT UUCGAUCCCCA----------CAGACGGCG 72
chr-3.trna13-Lys-TTT UUCGAUCCCCA----------CAGACGGCG 72
chr-1.trna34-Lys-TTT UUCGAUCCCCA----------CAGACGGCG 72
chr-2.trna24-Lys-TTT UUCGAUCCCCA----------CAGACGGCG 72
chr-8.trna49-Lys-TTT UUCGAUCCCCA----------CAGUCGGCG 72
chr-8.trna27-Lys-TTT UUCGAUCCCCA----------CAGACGGCG 72
chr-7.trna74-Lys-TTT UUCGAACCCCA----------CAGUUGGCG 72
chr-10.trna17-Lys-TTT UUCAAUCCCCA----------CAGUCGGUG 72
chr-1.trna15-Lys-TTT UUCGAUCCCCA----------CAGACGGUG 72
chr-1.trna16-Lys-TTT UUCGAUCCCCA----------CAGACGGUG 72
chr-7.trna73-Lys-TTT UUCGAUCCCCA----------CAGCCGGUG 72
chr-6.trna40-Lys-CTT UUCAACCCCUC----------CUUCUAGCG 74
chr-8.trna50-Lys-TTT UUCGAUCCCCA----------CAGGUGACA 72
chr-8.trna60-Lys-TTT UUCGAUUCCCA----------CAGACGGCG 80
chr-10.trna8-Lys-TTT UUCAAGUCUUGAUUUAUCCUUUCAUCCAAAA 86
.........70.........80.........90