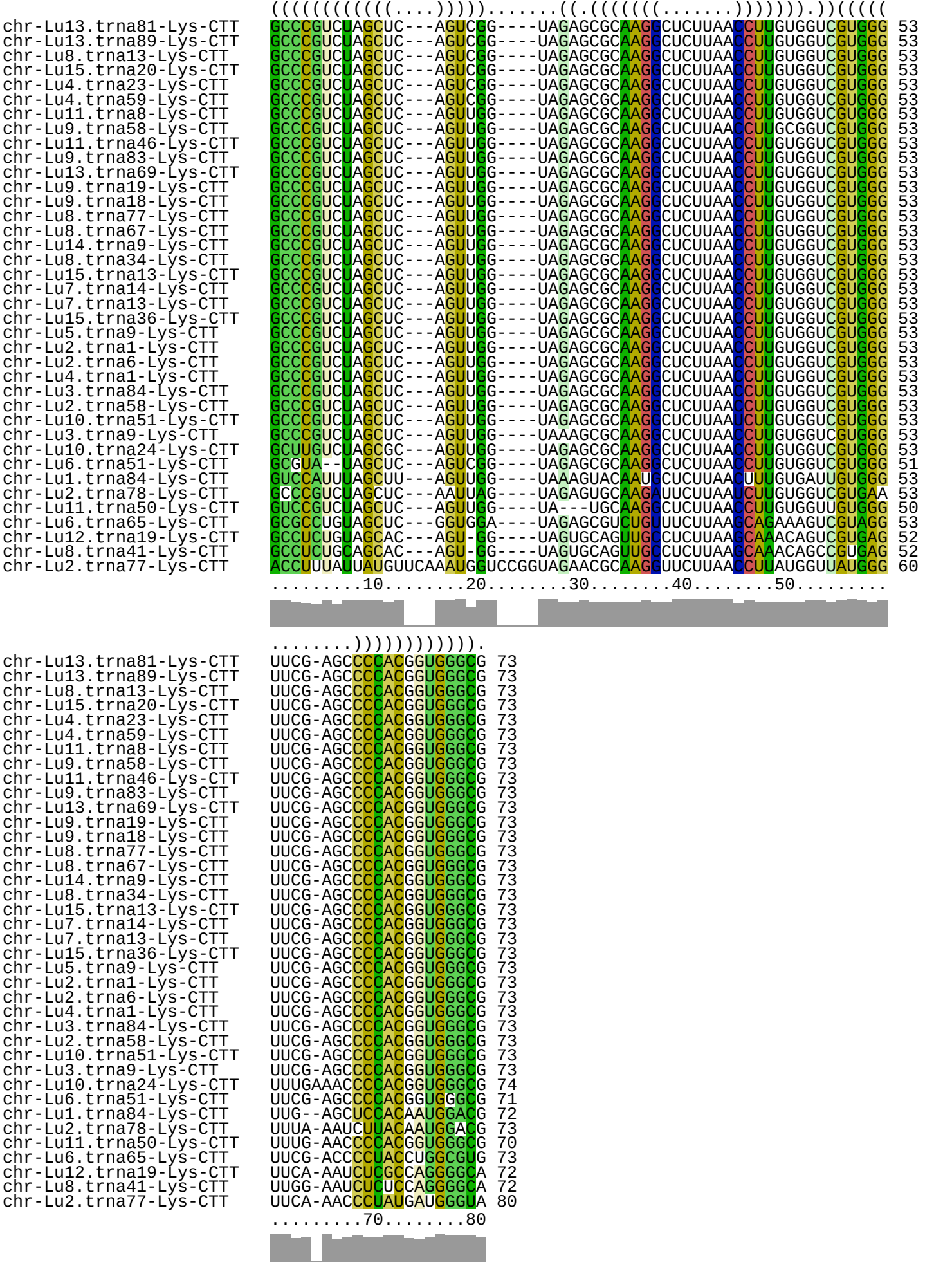
(((((((((((....)))))).....((.(((((((.....)))))))).))))(
chr-Lu13.trna81-Lys-CTT GCCCGUCUAGCUC---AGUCGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu13.trna89-Lys-CTT GCCCGUCUAGCUC---AGUCGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu8.trna13-Lys-CTT GCCCGUCUAGCUC---AGUCGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu15.trna20-Lys-CTT GCCCGUCUAGCUC---AGUCGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu4.trna23-Lys-CTT GCCCGUCUAGCUC---AGUCGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu4.trna59-Lys-CTT GCCCGUCUAGCUC---AGUCGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu11.trna8-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 53
chr-Lu9.trna58-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAACCUUGCGGUCGUGGG 53
chr-Lu11.trna46-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu9.trna83-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu13.trna69-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu9.trna19-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu9.trna18-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu8.trna77-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu8.trna67-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu14.trna9-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu8.trna34-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu15.trna13-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu7.trna14-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu7.trna13-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu15.trna36-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu5.trna9-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu2.trna1-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu2.trna6-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu4.trna1-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu3.trna84-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu2.trna58-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu10.trna51-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu3.trna9-Lys-CTT GCCCGUCUAGCUC---AGUUGG----UAAAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 53
chr-Lu10.trna24-Lys-CTT GCUUGUCUAGCGC---AGUUGG----UAGAGCGCAAGGCUCUUAAGCUUGUGGUCGUGGG 53
chr-Lu6.trna51-Lys-CTT GCGUA--UAGCUC---AGUCGG----UAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGG 51
chr-Lu1.trna84-Lys-CTT GUCCAUUUAGCUU---AGUUGG----UAAAGUACAAUGCUCUUAAGCUUUGUGAUUGUGGG 53
chr-Lu2.trna78-Lys-CTT GCCCGUCUAGCUC---AAUUAG----UAGAGUGCAAGAUUCUUAAUCUUGUGGUCGUGAA 53
chr-Lu11.trna50-Lys-CTT GUCCGUCUAGCUC---AGUUGG----UA---UGCAAGGCUCUUAACCUUGUGGUUGUGGG 50
chr-Lu6.trna65-Lys-CTT GCGCCUGUAGCUC---GGUGGA----UAGAGCGUCUGUUUCUUAAGCAGAAAGUCGUAGG 53
chr-Lu12.trna19-Lys-CTT GCCUCUGUAGCAC---AGU-GG----UAGUGCAGUUGCCUCUUAAGCAAACAGUCGUGAG 52
chr-Lu8.trna41-Lys-CTT GCCUCUGCAGCAC---AGU-GG----UAGUGCAGUUGCCUCUUAAGCAAACAGCCGUGAG 52
chr-Lu2.trna77-Lys-CTT ACCUUUAUUAUGUUCAAAUGGUCCGGUAGAACGCAAGGUUCUUAAGCUUAUGGUUAUGGG 60
.........10........20........30........40........50.........
........)))))))))))).
chr-Lu13.trna81-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu13.trna89-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu8.trna13-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu15.trna20-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu4.trna23-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu4.trna59-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu11.trna8-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu9.trna58-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu11.trna46-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu9.trna83-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu13.trna69-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu9.trna19-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu9.trna18-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu8.trna77-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu8.trna67-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu14.trna9-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu8.trna34-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu15.trna13-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu7.trna14-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu7.trna13-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu15.trna36-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu5.trna9-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu2.trna1-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu2.trna6-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu4.trna1-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu3.trna84-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu2.trna58-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu10.trna51-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu3.trna9-Lys-CTT UUCG-AGCCCCACGGUGGGCG 73
chr-Lu10.trna24-Lys-CTT UUUGAAACCCCACGGUGGGCG 74
chr-Lu6.trna51-Lys-CTT UUCG-AGCCCCACGGUGGGCG 71
chr-Lu1.trna84-Lys-CTT UUG--AGCUCCACAAUGGACG 72
chr-Lu2.trna78-Lys-CTT UUUA-AAUCUUACAAUGGACG 73
chr-Lu11.trna50-Lys-CTT UUUG-AACCCCACGGUGGGCG 70
chr-Lu6.trna65-Lys-CTT UUCG-ACCCCUACCUGGCGUG 73
chr-Lu12.trna19-Lys-CTT UUCA-AAUCUCGCCAGGGGCA 72
chr-Lu8.trna41-Lys-CTT UUGG-AAUCUCUCCAGGGGCA 72
chr-Lu2.trna77-Lys-CTT UUCA-AACCCUAUGAUGGGUA 80
.........70........80