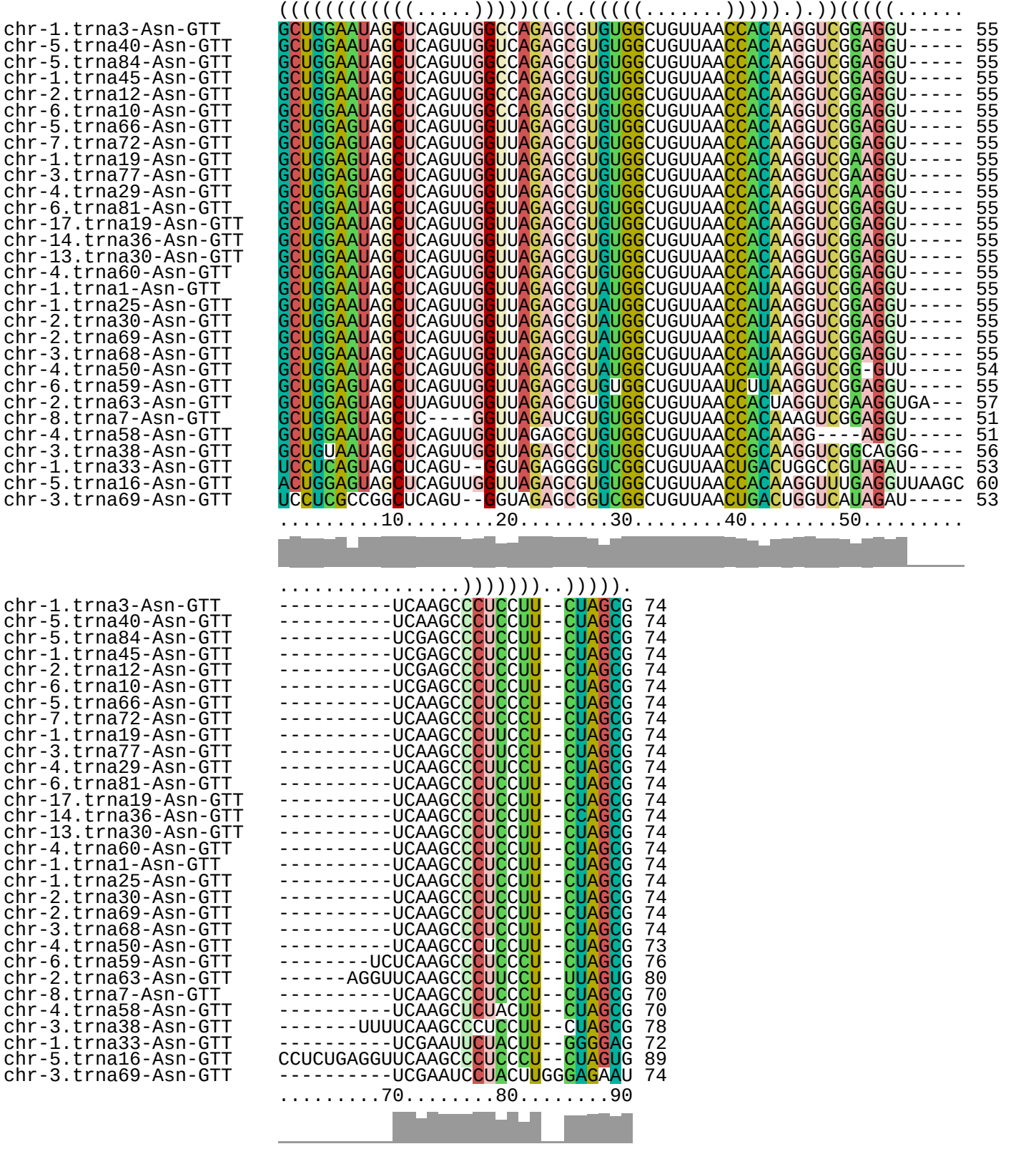
(((((((((((.....)))))))(.(.(((((.....))))).).))(((((.....
chr-1.trna3-Asn-GTT GCUGGAAUAGCUCAGUUGGCCAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGU----- 55
chr-5.trna40-Asn-GTT GCUGGAAUAGCUCAGUUGGUCAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGU----- 55
chr-5.trna84-Asn-GTT GCUGGAAUAGCUCAGUUGGCCAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGU----- 55
chr-1.trna45-Asn-GTT GCUGGAAUAGCUCAGUUGGCCAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGU----- 55
chr-2.trna12-Asn-GTT GCUGGAAUAGCUCAGUUGGCCAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGU----- 55
chr-6.trna10-Asn-GTT GCUGGAAUAGCUCAGUUGGCCAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGU----- 55
chr-5.trna66-Asn-GTT GCUGGAGUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGU----- 55
chr-7.trna72-Asn-GTT GCUGGAGUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGU----- 55
chr-1.trna19-Asn-GTT GCUGGAGUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAGGU----- 55
chr-3.trna77-Asn-GTT GCUGGAGUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAGGU----- 55
chr-4.trna29-Asn-GTT GCUGGAGUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAGGU----- 55
chr-6.trna81-Asn-GTT GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGU----- 55
chr-17.trna19-Asn-GTT GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGU----- 55
chr-14.trna36-Asn-GTT GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGU----- 55
chr-13.trna30-Asn-GTT GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGU----- 55
chr-4.trna60-Asn-GTT GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGU----- 55
chr-1.trna1-Asn-GTT GCUGGAAUAGCUCAGUUGGUUAGAGCGUAUGGCUGUUAACCAUAAGGUCGGAGGU----- 55
chr-1.trna25-Asn-GTT GCUGGAAUAGCUCAGUUGGUUAGAGCGUAUGGCUGUUAACCAUAAGGUCGGAGGU----- 55
chr-2.trna30-Asn-GTT GCUGGAAUAGCUCAGUUGGUUAGAGCGUAUGGCUGUUAACCAUAAGGUCGGAGGU----- 55
chr-2.trna69-Asn-GTT GCUGGAAUAGCUCAGUUGGUUAGAGCGUAUGGCUGUUAACCAUAAGGUCGGAGGU----- 55
chr-3.trna68-Asn-GTT GCUGGAAUAGCUCAGUUGGUUAGAGCGUAUGGCUGUUAACCAUAAGGUCGGAGGU----- 55
chr-4.trna50-Asn-GTT GCUGGAAUAGCUCAGUUGGUUAGAGCGUAUGGCUGUUAACCAUAAGGUCGG-GUU----- 54
chr-6.trna59-Asn-GTT GCUGGAGUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAAUCUUAAGGUCGGAGGU----- 55
chr-2.trna63-Asn-GTT GCUGGAGUAGCUUAGUUGGUUAGAGCGUGUGGCUGUUAACCACUAGGUCGAAGGUGA--- 57
chr-8.trna7-Asn-GTT GCUGGAGUAGCUC----GGUUAGAUCGUGUGGCUGUUAACCACAAAGUCGGAGGU----- 51
chr-4.trna58-Asn-GTT GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGG----AGGU----- 51
chr-3.trna38-Asn-GTT GCUGUAAUAGCUCAGUUGGUUAGAGCCUGUGGCUGUUAACCGCAAGGUCGGCAGGG---- 56
chr-1.trna33-Asn-GTT UCCUCAGUAGCUCAGU--GGUAGAGGGGUCGGCUGUUAACUGACUGGCCGUAGAU----- 53
chr-5.trna16-Asn-GTT ACUGGAGUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUUUGAGGUUAAGC 60
chr-3.trna69-Asn-GTT UCCUCGCCGGCUCAGU--GGUAGAGCGGUCGGCUGUUAACUGACUGGUCAUAGAU----- 53
.........10........20........30........40........50.........
.............)))))))..))))).
chr-1.trna3-Asn-GTT ----------UCAAGCCCUCCUU--CUAGCG 74
chr-5.trna40-Asn-GTT ----------UCAAGCCCUCCUU--CUAGCG 74
chr-5.trna84-Asn-GTT ----------UCGAGCCCUCCUU--CUAGCG 74
chr-1.trna45-Asn-GTT ----------UCGAGCCCUCCUU--CUAGCG 74
chr-2.trna12-Asn-GTT ----------UCGAGCCCUCCUU--CUAGCG 74
chr-6.trna10-Asn-GTT ----------UCGAGCCCUCCUU--CUAGCG 74
chr-5.trna66-Asn-GTT ----------UCAAGCCCUCCCU--CUAGCG 74
chr-7.trna72-Asn-GTT ----------UCAAGCCCUCCCU--CUAGCG 74
chr-1.trna19-Asn-GTT ----------UCAAGCCCUUCCU--CUAGCG 74
chr-3.trna77-Asn-GTT ----------UCAAGCCCUUCCU--CUAGCG 74
chr-4.trna29-Asn-GTT ----------UCAAGCCCUUCCU--CUAGCG 74
chr-6.trna81-Asn-GTT ----------UCAAGCCCUCCUU--CUAGCG 74
chr-17.trna19-Asn-GTT ----------UCAAGCCCUCCUU--CUAGCG 74
chr-14.trna36-Asn-GTT ----------UCAAGCCCUCCUU--CCAGCG 74
chr-13.trna30-Asn-GTT ----------UCAAGCCCUCCUU--CUAGCG 74
chr-4.trna60-Asn-GTT ----------UCAAGCCCUCCUU--CUAGCG 74
chr-1.trna1-Asn-GTT ----------UCAAGCCCUCCUU--CUAGCG 74
chr-1.trna25-Asn-GTT ----------UCAAGCCCUCCUU--CUAGCG 74
chr-2.trna30-Asn-GTT ----------UCAAGCCCUCCUU--CUAGCG 74
chr-2.trna69-Asn-GTT ----------UCAAGCCCUCCUU--CUAGCG 74
chr-3.trna68-Asn-GTT ----------UCAAGCCCUCCUU--CUAGCG 74
chr-4.trna50-Asn-GTT ----------UCAAGCCCUCCUU--CUAGCG 73
chr-6.trna59-Asn-GTT --------UCUCAAGCCCUCCCU--CUAGCG 76
chr-2.trna63-Asn-GTT ------AGGUUCAAGCCCUUCCU--UUAGUG 80
chr-8.trna7-Asn-GTT ----------UCAAGCCCUCCCU--CUAGCG 70
chr-4.trna58-Asn-GTT ----------UCAAGCUCUACUU--CUAGCG 70
chr-3.trna38-Asn-GTT -------UUUUCAAGCCCUCCUU--CUAGCG 78
chr-1.trna33-Asn-GTT ----------UCGAAUUCUACUU--GGGGAG 72
chr-5.trna16-Asn-GTT CCUCUGAGGUUCAAGCCCUCCCU--CUAGUG 89
chr-3.trna69-Asn-GTT ----------UCGAAUCCUACUUGGGAGAAU 74
.........70........80........90