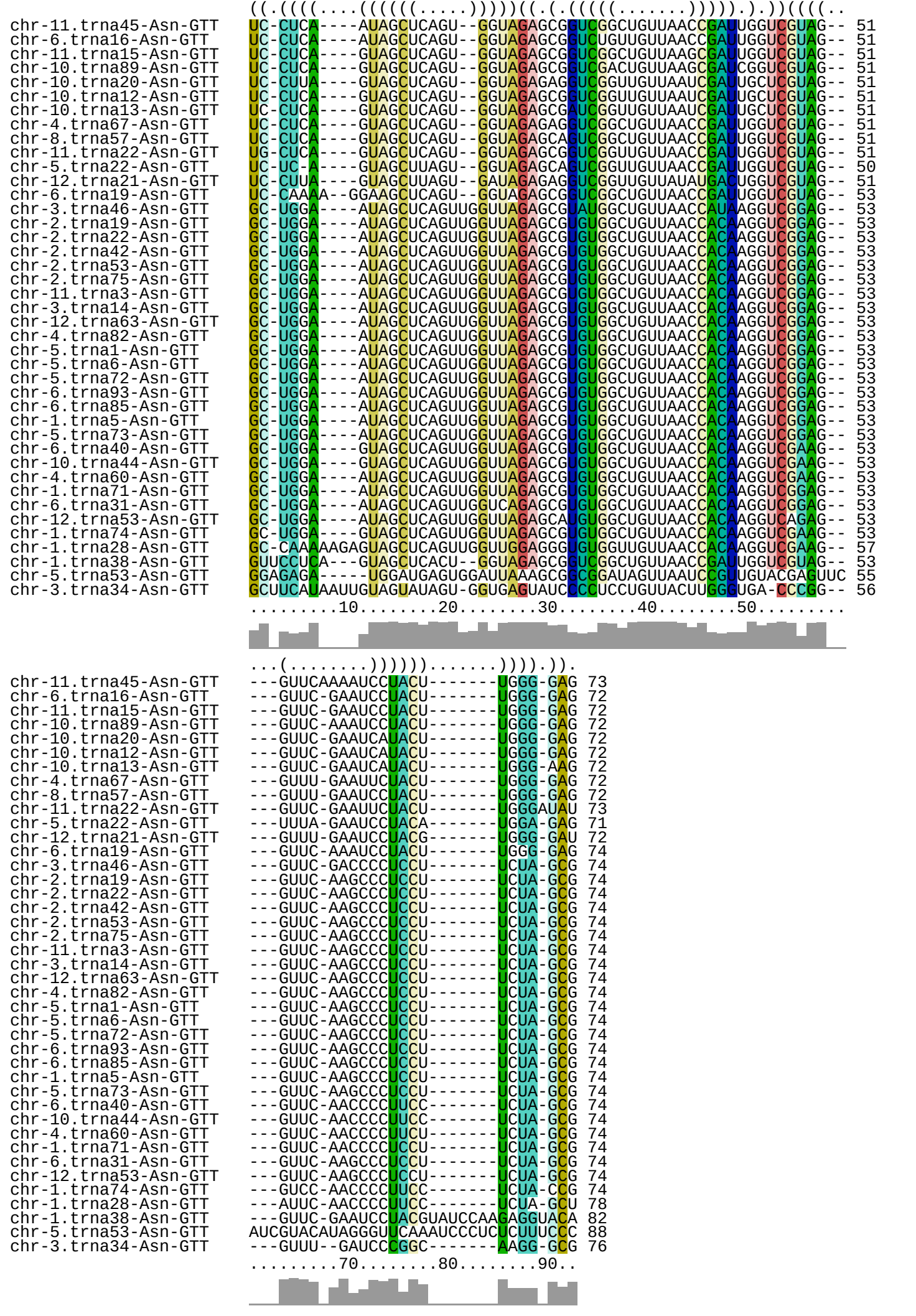
((.((((....((((((.....))))))((.(.(((((.......)))))).).))(((((..
chr-11.trna45-Asn-GTT UC-CUCA----AUAGCUCAGU--GGUAGAGCGGUCGGCUGUUAACCGAUUGGUCGUAG-- 51
chr-6.trna16-Asn-GTT UC-CUCA----AUAGCUCAGU--GGUAGAGCGGUCUGUUGUUAACCGAUUGGUCGUAG-- 51
chr-11.trna15-Asn-GTT UC-CUCA----GUAGCUCAGU--GGUAGAGCGGUCGGCUGUUAAGCGAUUGGUCGUAG-- 51
chr-10.trna89-Asn-GTT UC-CUCA----GUAGCUCAGU--GGUAGAGCGGUCGACUGUUAAGCGAUCGGUCGUAG-- 51
chr-10.trna20-Asn-GTT UC-CUUA----GUAGCUCAGU--GGUAGAGAGGUCGGUUGUUAAUCGAUUGCUCGUAG-- 51
chr-10.trna12-Asn-GTT UC-CUCA----GUAGCUCAGU--GGUAGAGCGGUCGGUUGUUAAUCGAUUGCUCGUAG-- 51
chr-10.trna13-Asn-GTT UC-CUCA----GUAGCUCAGU--GGUAGAGCGAUCGGUUGUUAAUCGAUUGCUCGUAG-- 51
chr-4.trna67-Asn-GTT UC-CUCA----GUAGCUCAGU--GGUAGAGAGGUCGGCUGUUAACCGAUUGGUCGUAG-- 51
chr-8.trna57-Asn-GTT UC-CUCA----GUAGCUCAGU--GGUAGAGCAGUCGGCUGUUAACCGAUUGGUCGUAG-- 51
chr-11.trna22-Asn-GTT UG-CUCA----GUAGCUCAGU--GGUAGAGCGGUCGGUUGUUAACCGAUUGGUCGUAG-- 51
chr-5.trna22-Asn-GTT UC-UC-A----GUAGCUUAGU--GGUAGAGCAGUCGGUUGUUAACCGAUUGGUCGUAG-- 50
chr-12.trna21-Asn-GTT UC-CUUA----GUAGCUUAGU--GAUAGAGAGGUCGGUUGUUAUAUGACUGGUCGUAG-- 51
chr-6.trna19-Asn-GTT UC-CAAAA--GGAAGCUCAGU--GGUAGAGCGGUCGGCUGUUAACCGAUUGGUCGUAG-- 53
chr-3.trna46-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUAUGGCUGUUAACCAUAAGGUCGGAG-- 53
chr-2.trna19-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAG-- 53
chr-2.trna22-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAG-- 53
chr-2.trna42-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAG-- 53
chr-2.trna53-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAG-- 53
chr-2.trna75-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAG-- 53
chr-11.trna3-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAG-- 53
chr-3.trna14-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAG-- 53
chr-12.trna63-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAG-- 53
chr-4.trna82-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAG-- 53
chr-5.trna1-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAG-- 53
chr-5.trna6-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAG-- 53
chr-5.trna72-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAG-- 53
chr-6.trna93-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAG-- 53
chr-6.trna85-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAG-- 53
chr-1.trna5-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAG-- 53
chr-5.trna73-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAG-- 53
chr-6.trna40-Asn-GTT GC-UGGA----GUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAG-- 53
chr-10.trna44-Asn-GTT GC-UGGA----GUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAG-- 53
chr-4.trna60-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAG-- 53
chr-1.trna71-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAG-- 53
chr-6.trna31-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUCAGAGCGUGUGGCUGUUAACCACAAGGUCGGAG-- 53
chr-12.trna53-Asn-GTT GC-UGGA----AUAGCUCAGUUGGUUAGAGCAUGUGGCUGUUAACCACAAGGUCAGAG-- 53
chr-1.trna74-Asn-GTT GC-UGGA----GUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAG-- 53
chr-1.trna28-Asn-GTT GC-CAAAAAGAGUAGCUCAGUUGGUUGGAGGGUGUGGUUGUUAACCACAAGGUCGAAG-- 57
chr-1.trna38-Asn-GTT GUUCCUCA---GUAGCUCACU--GGUAGAGCGGUCGGCUGUUAACCGAUUGGUCGUAG-- 53
chr-5.trna53-Asn-GTT GGAGAGA-----UGGAUGAGUGGAUUAAAGCGGCGGAUAGUUAAUCCGUUGUACGAGUUC 55
chr-3.trna34-Asn-GTT GCUUCAUAAUUGUAGUAUAGU-GGUGAGUAUCCCCUCCUGUUACUUGGGUGA-CCCGG-- 56
.........10........20........30........40........50.........
...(........))))))).......)))).)).
chr-11.trna45-Asn-GTT ---GUUCAAAAUCCUACU-------UGGG-GAG 73
chr-6.trna16-Asn-GTT ---GUUC-GAAUCCUACU-------UGGG-GAG 72
chr-11.trna15-Asn-GTT ---GUUC-GAAUCCUACU-------UGGG-GAG 72
chr-10.trna89-Asn-GTT ---GUUC-AAAUCCUACU-------UGGG-GAG 72
chr-10.trna20-Asn-GTT ---GUUC-GAAUCAUACU-------UGGG-GAG 72
chr-10.trna12-Asn-GTT ---GUUC-GAAUCAUACU-------UGGG-GAG 72
chr-10.trna13-Asn-GTT ---GUUC-GAAUCAUACU-------UGGG-AAG 72
chr-4.trna67-Asn-GTT ---GUUU-GAAUUCUACU-------UGGG-GAG 72
chr-8.trna57-Asn-GTT ---GUUU-GAAUCCUACU-------UGGG-GAG 72
chr-11.trna22-Asn-GTT ---GUUC-GAAUUCUACU-------UGGGAUAU 73
chr-5.trna22-Asn-GTT ---UUUA-GAAUCCUACA-------UGGA-GAG 71
chr-12.trna21-Asn-GTT ---GUUU-GAAUCCUACG-------UGGG-GAU 72
chr-6.trna19-Asn-GTT ---GUUC-AAAUCCUACU-------UGGG-GAG 74
chr-3.trna46-Asn-GTT ---GUUC-GACCCCUCCU-------UCUA-GCG 74
chr-2.trna19-Asn-GTT ---GUUC-AAGCCCUCCU-------UCUA-GCG 74
chr-2.trna22-Asn-GTT ---GUUC-AAGCCCUCCU-------UCUA-GCG 74
chr-2.trna42-Asn-GTT ---GUUC-AAGCCCUCCU-------UCUA-GCG 74
chr-2.trna53-Asn-GTT ---GUUC-AAGCCCUCCU-------UCUA-GCG 74
chr-2.trna75-Asn-GTT ---GUUC-AAGCCCUCCU-------UCUA-GCG 74
chr-11.trna3-Asn-GTT ---GUUC-AAGCCCUCCU-------UCUA-GCG 74
chr-3.trna14-Asn-GTT ---GUUC-AAGCCCUCCU-------UCUA-GCG 74
chr-12.trna63-Asn-GTT ---GUUC-AAGCCCUCCU-------UCUA-GCG 74
chr-4.trna82-Asn-GTT ---GUUC-AAGCCCUCCU-------UCUA-GCG 74
chr-5.trna1-Asn-GTT ---GUUC-AAGCCCUCCU-------UCUA-GCG 74
chr-5.trna6-Asn-GTT ---GUUC-AAGCCCUCCU-------UCUA-GCG 74
chr-5.trna72-Asn-GTT ---GUUC-AAGCCCUCCU-------UCUA-GCG 74
chr-6.trna93-Asn-GTT ---GUUC-AAGCCCUCCU-------UCUA-GCG 74
chr-6.trna85-Asn-GTT ---GUUC-AAGCCCUCCU-------UCUA-GCG 74
chr-1.trna5-Asn-GTT ---GUUC-AAGCCCUCCU-------UCUA-GCG 74
chr-5.trna73-Asn-GTT ---GUUC-AAGCCCUCCU-------UCUA-GCG 74
chr-6.trna40-Asn-GTT ---GUUC-AACCCCUUCC-------UCUA-GCG 74
chr-10.trna44-Asn-GTT ---GUUC-AACCCCUUCC-------UCUA-GCG 74
chr-4.trna60-Asn-GTT ---GUUC-AACCCCUUCU-------UCUA-GCG 74
chr-1.trna71-Asn-GTT ---GUUC-AACCCCUCCU-------UCUA-GCG 74
chr-6.trna31-Asn-GTT ---GUUC-AAGCCCUCCU-------UCUA-GCG 74
chr-12.trna53-Asn-GTT ---GUUC-AAGCCCUCCU-------UCUA-GCG 74
chr-1.trna74-Asn-GTT ---GUCC-AACCCCUUCC-------UCUA-CCG 74
chr-1.trna28-Asn-GTT ---AUUC-AACCCCUUCC-------UCUA-GCU 78
chr-1.trna38-Asn-GTT ---GUUC-GAAUCCUACGUAUCCAAGAGGUACA 82
chr-5.trna53-Asn-GTT AUCGUACAUAGGGUUCAAAUCCCUCUCUUUCCC 88
chr-3.trna34-Asn-GTT ---GUUU--GAUCCCGGC-------AAGG-GCG 76
.........70........80........90..