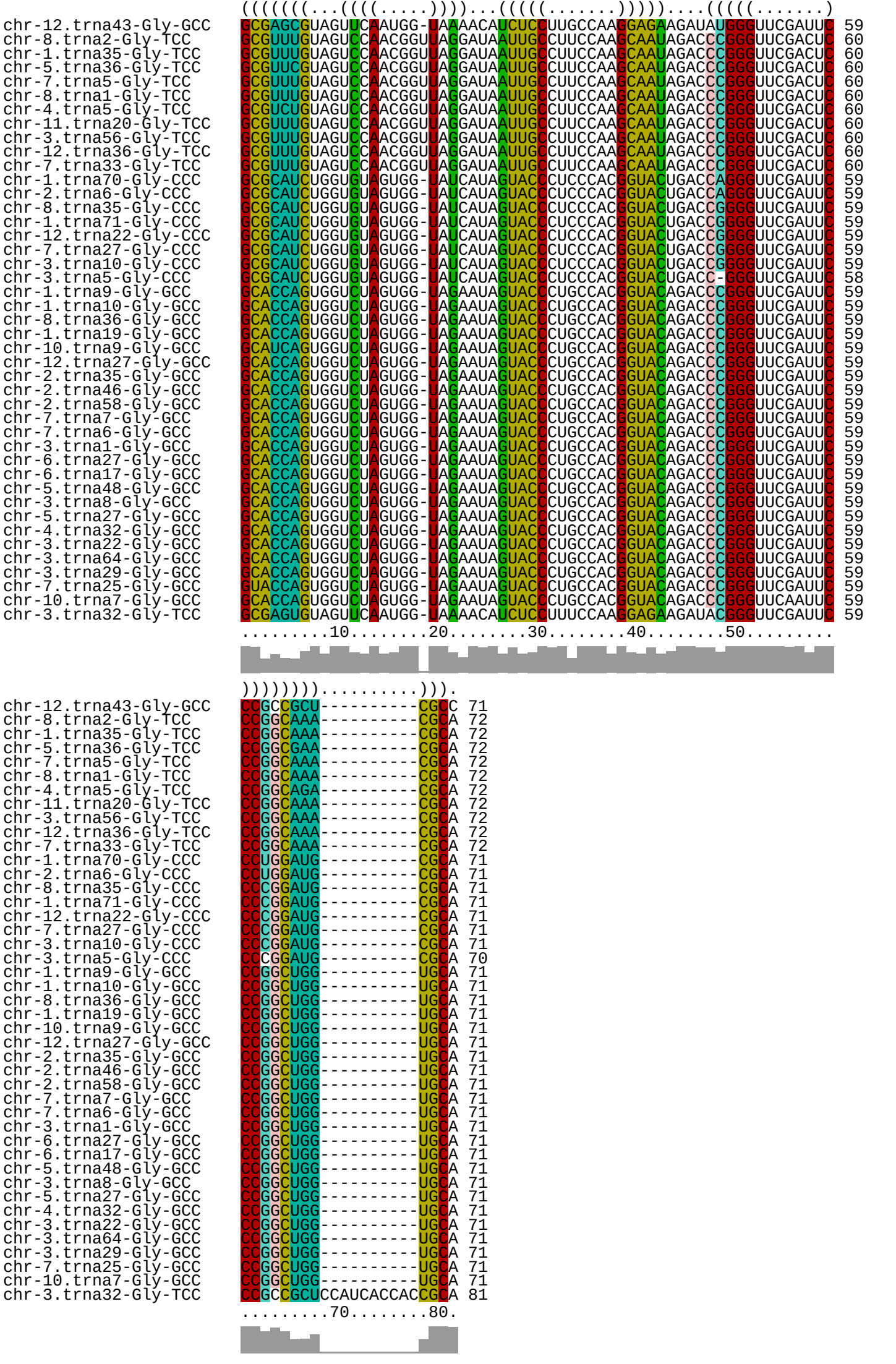
(((((((...((((.....)))).)).(((((.......)))))).....(((((.......)
chr-12.trna43-Gly-GCC GCGAGCGUAGUUCAAUGG-UAAAACAUCUCCUUGCCAAGGAGAAGAUAUGGGUUCGAUUC 59
chr-8.trna2-Gly-TCC GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-1.trna35-Gly-TCC GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-5.trna36-Gly-TCC GCGUUCGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-7.trna5-Gly-TCC GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-8.trna1-Gly-TCC GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-4.trna5-Gly-TCC GCGUCUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-11.trna20-Gly-TCC GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-3.trna56-Gly-TCC GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-12.trna36-Gly-TCC GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-7.trna33-Gly-TCC GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-1.trna70-Gly-CCC GCGCAUCUGGUGUAGUGG-UAUCAUAGUACCCUCCCACGGUACUGACCAGGGUUCGAUUC 59
chr-2.trna6-Gly-CCC GCGCAUCUGGUGUAGUGG-UAUCAUAGUACCCUCCCACGGUACUGACCAGGGUUCGAUUC 59
chr-8.trna35-Gly-CCC GCGCAUCUGGUGUAGUGG-UAUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-1.trna71-Gly-CCC GCGCAUCUGGUGUAGUGG-UAUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-12.trna22-Gly-CCC GCGCAUCUGGUGUAGUGG-UAUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-7.trna27-Gly-CCC GCGCAUCUGGUGUAGUGG-UAUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-3.trna10-Gly-CCC GCGCAUCUGGUGUAGUGG-UAUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-3.trna5-Gly-CCC GCGCAUCUGGUGUAGUGG-UAUCAUAGUACCCUCCCACGGUACUGACC-GGGUUCGAUUC 58
chr-1.trna9-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-1.trna10-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-8.trna36-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-1.trna19-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-10.trna9-Gly-GCC GCAUCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-12.trna27-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-2.trna35-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-2.trna46-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-2.trna58-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-7.trna7-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-7.trna6-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-3.trna1-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-6.trna27-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-6.trna17-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-5.trna48-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-3.trna8-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-5.trna27-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-4.trna32-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-3.trna22-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-3.trna64-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-3.trna29-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-7.trna25-Gly-GCC GUACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-10.trna7-Gly-GCC GCACCAGUGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCAAUUC 59
chr-3.trna32-Gly-TCC GCGAGUGUAGUUCAAUGG-UAAAACAUCUCCUUUCCAAGGAGAAGAUACGGGUUCGAUUC 59
.....10.....20.....30.....40.....50.....
)))))))).....))).
chr-12.trna43-Gly-GCC CCGCCGCU----------CGCC 71
chr-8.trna2-Gly-TCC CCGGCAAA----------CGCA 72
chr-1.trna35-Gly-TCC CCGGCAAA----------CGCA 72
chr-5.trna36-Gly-TCC CCGGCGAA----------CGCA 72
chr-7.trna5-Gly-TCC CCGGCAAA----------CGCA 72
chr-8.trna1-Gly-TCC CCGGCAAA----------CGCA 72
chr-4.trna5-Gly-TCC CCGGCAGA----------CGCA 72
chr-11.trna20-Gly-TCC CCGGCAAA----------CGCA 72
chr-3.trna56-Gly-TCC CCGGCAAA----------CGCA 72
chr-12.trna36-Gly-TCC CCGGCAAA----------CGCA 72
chr-7.trna33-Gly-TCC CCGGCAAA----------CGCA 72
chr-1.trna70-Gly-CCC CCUGGAUG----------CGCA 71
chr-2.trna6-Gly-CCC CCUGGAUG----------CGCA 71
chr-8.trna35-Gly-CCC CCCGGAUG----------CGCA 71
chr-1.trna71-Gly-CCC CCCGGAUG----------CGCA 71
chr-12.trna22-Gly-CCC CCCGGAUG----------CGCA 71
chr-7.trna27-Gly-CCC CCCGGAUG----------CGCA 71
chr-3.trna10-Gly-CCC CCCGGAUG----------CGCA 71
chr-3.trna5-Gly-CCC CCCGGAUG----------CGCA 70
chr-1.trna9-Gly-GCC CCGGCUGG----------UGCA 71
chr-1.trna10-Gly-GCC CCGGCUGG----------UGCA 71
chr-8.trna36-Gly-GCC CCGGCUGG----------UGCA 71
chr-1.trna19-Gly-GCC CCGGCUGG----------UGCA 71
chr-10.trna9-Gly-GCC CCGGCUGG----------UGCA 71
chr-12.trna27-Gly-GCC CCGGCUGG----------UGCA 71
chr-2.trna35-Gly-GCC CCGGCUGG----------UGCA 71
chr-2.trna46-Gly-GCC CCGGCUGG----------UGCA 71
chr-2.trna58-Gly-GCC CCGGCUGG----------UGCA 71
chr-7.trna7-Gly-GCC CCGGCUGG----------UGCA 71
chr-7.trna6-Gly-GCC CCGGCUGG----------UGCA 71
chr-3.trna1-Gly-GCC CCGGCUGG----------UGCA 71
chr-6.trna27-Gly-GCC CCGGCUGG----------UGCA 71
chr-6.trna17-Gly-GCC CCGGCUGG----------UGCA 71
chr-5.trna48-Gly-GCC CCGGCUGG----------UGCA 71
chr-3.trna8-Gly-GCC CCGGCUGG----------UGCA 71
chr-5.trna27-Gly-GCC CCGGCUGG----------UGCA 71
chr-4.trna32-Gly-GCC CCGGCUGG----------UGCA 71
chr-3.trna22-Gly-GCC CCGGCUGG----------UGCA 71
chr-3.trna64-Gly-GCC CCGGCUGG----------UGCA 71
chr-3.trna29-Gly-GCC CCGGCUGG----------UGCA 71
chr-7.trna25-Gly-GCC CCGGCUGG----------UGCA 71
chr-10.trna7-Gly-GCC CCGGCUGG----------UGCA 71
chr-3.trna32-Gly-TCC CCGCCGCUCCAUCACCACCGCA 81
.....70.....80.