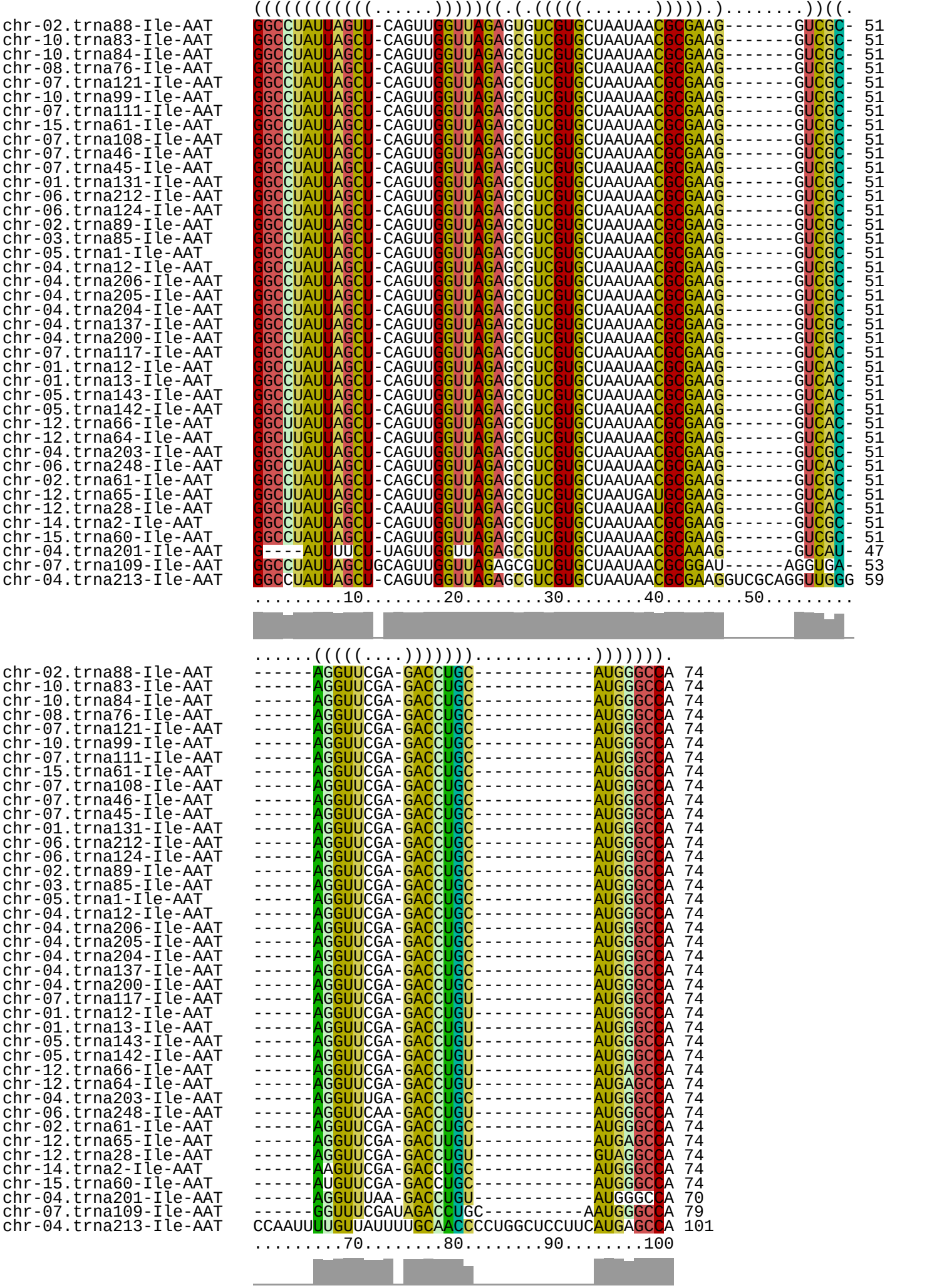
(((((((((((.....)))))))(.(((((.....)))))).).....)))(.
chr-02.trna88-Ile-AAT GGCCUAUUAGUU-CAGUUGGUUAGAGUGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-10.trna83-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-10.trna84-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-08.trna76-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-07.trna121-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-10.trna99-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-07.trna111-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-15.trna61-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-07.trna108-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-07.trna46-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-07.trna45-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-01.trna131-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-06.trna212-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-06.trna124-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-02.trna89-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-03.trna85-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-05.trna1-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-04.trna12-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-04.trna206-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-04.trna205-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-04.trna204-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-04.trna137-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-04.trna200-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-07.trna117-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCAC- 51
chr-01.trna12-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCAC- 51
chr-01.trna13-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCAC- 51
chr-05.trna143-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCAC- 51
chr-05.trna142-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCAC- 51
chr-12.trna66-Ile-AAT GGCUUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCAC- 51
chr-12.trna64-Ile-AAT GGCUUGUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCAC- 51
chr-04.trna203-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-06.trna248-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCAC- 51
chr-02.trna61-Ile-AAT GGCCUAUUAGCU-CAGCUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-12.trna65-Ile-AAT GGCUUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUGAUGCGAAG-------GUCAC- 51
chr-12.trna28-Ile-AAT GGCUUAUUGGCU-CAAUUGGUUAGAGCGUCGUGCUAAUAAUGCGAAG-------GUCAC- 51
chr-14.trna2-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-15.trna60-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAG-------GUCGC- 51
chr-04.trna201-Ile-AAT G-----AUUUUCU-UAGUUGGUUAGAGCGUUGUGCUAAUAACGCAAAG-------GUCAU- 47
chr-07.trna109-Ile-AAT GGCCUAUUAGCUGCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGGAU------AGGUGA- 53
chr-04.trna213-Ile-AAT GGCCUAUUAGCU-CAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUGGG 59
.........10........20........30........40........50.........
......(((((....)))))).............)))))))
chr-02.trna88-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-10.trna83-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-10.trna84-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-08.trna76-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-07.trna121-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-10.trna99-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-07.trna111-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-15.trna61-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-07.trna108-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-07.trna46-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-07.trna45-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-01.trna131-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-06.trna212-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-06.trna124-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-02.trna89-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-03.trna85-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-05.trna1-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-04.trna12-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-04.trna206-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-04.trna205-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-04.trna204-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-04.trna137-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-04.trna200-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-07.trna117-Ile-AAT ------AGGUUCGA-GACCUGU-----------AUGGGCCA 74
chr-01.trna12-Ile-AAT ------AGGUUCGA-GACCUGU-----------AUGGGCCA 74
chr-01.trna13-Ile-AAT ------AGGUUCGA-GACCUGU-----------AUGGGCCA 74
chr-05.trna143-Ile-AAT ------AGGUUCGA-GACCUGU-----------AUGGGCCA 74
chr-05.trna142-Ile-AAT ------AGGUUCGA-GACCUGU-----------AUGGGCCA 74
chr-12.trna66-Ile-AAT ------AGGUUCGA-GACCUGU-----------AUGAGCCA 74
chr-12.trna64-Ile-AAT ------AGGUUCGA-GACCUGU-----------AUGAGCCA 74
chr-04.trna203-Ile-AAT ------AGGUUUGA-GACCUGC-----------AUGGGCCA 74
chr-06.trna248-Ile-AAT ------AGGUUCAA-GACCUGU-----------AUGGGCCA 74
chr-02.trna61-Ile-AAT ------AGGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-12.trna65-Ile-AAT ------AGGUUCGA-GACUUGU-----------AUGAGCCA 74
chr-12.trna28-Ile-AAT ------AGGUUCGA-GACCUGU-----------GUAGGCCA 74
chr-14.trna2-Ile-AAT ------AAGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-15.trna60-Ile-AAT ------AUGUUCGA-GACCUGC-----------AUGGGCCA 74
chr-04.trna201-Ile-AAT ------AGGUUUAA-GACCUGU-----------AUGGGCCA 70
chr-07.trna109-Ile-AAT ------GGUUUCGAUAGACCUGC----------AAUGGGCCA 79
chr-04.trna213-Ile-AAT CCAAUUUUGUUAUUUUGCAACCCCUGGCUCCUUCAUGAGCCA 101
.........70........80........90........100