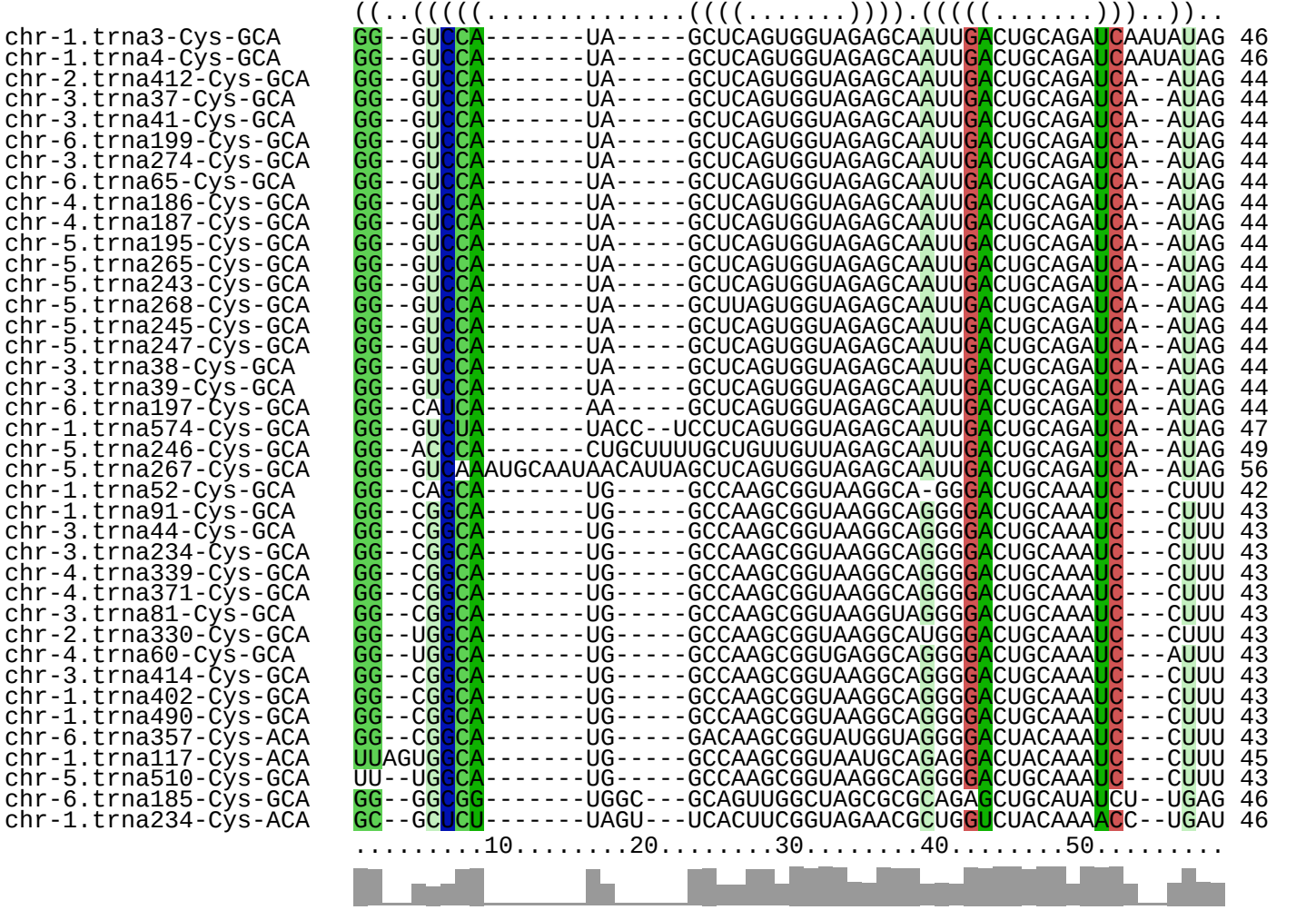
((..(((((.....((((.....)))).(((((.....)))))..)).
chr-1.trna3-Cys-GCA GG--GUCCA-------UA-----GCUCAGUGGUAGAGCAAUUGACUGCAGAUCAAUAUAG 46
chr-1.trna4-Cys-GCA GG--GUCCA-------UA-----GCUCAGUGGUAGAGCAAUUGACUGCAGAUCAAUAUAG 46
chr-2.trna412-Cys-GCA GG--GUCCA-------UA-----GCUCAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 44
chr-3.trna37-Cys-GCA GG--GUCCA-------UA-----GCUCAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 44
chr-3.trna41-Cys-GCA GG--GUCCA-------UA-----GCUCAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 44
chr-6.trna199-Cys-GCA GG--GUCCA-------UA-----GCUCAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 44
chr-3.trna274-Cys-GCA GG--GUCCA-------UA-----GCUCAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 44
chr-6.trna65-Cys-GCA GG--GUCCA-------UA-----GCUCAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 44
chr-4.trna186-Cys-GCA GG--GUCCA-------UA-----GCUCAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 44
chr-4.trna187-Cys-GCA GG--GUCCA-------UA-----GCUCAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 44
chr-5.trna195-Cys-GCA GG--GUCCA-------UA-----GCUCAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 44
chr-5.trna265-Cys-GCA GG--GUCCA-------UA-----GCUCAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 44
chr-5.trna243-Cys-GCA GG--GUCCA-------UA-----GCUCAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 44
chr-5.trna268-Cys-GCA GG--GUCCA-------UA-----GCUUAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 44
chr-5.trna245-Cys-GCA GG--GUCCA-------UA-----GCUCAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 44
chr-5.trna247-Cys-GCA GG--GUCCA-------UA-----GCUCAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 44
chr-3.trna38-Cys-GCA GG--GUCCA-------UA-----GCUCAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 44
chr-3.trna39-Cys-GCA GG--GUCCA-------UA-----GCUCAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 44
chr-6.trna197-Cys-GCA GG--CAUCA-------AA-----GCUCAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 44
chr-1.trna574-Cys-GCA GG--GUCUA-------UACC--UCCUCAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 47
chr-5.trna246-Cys-GCA GG--ACCCA-------CUGCUUUUGCUGUUGUUAGAGCAAUUGACUGCAGAUCA--AUAG 49
chr-5.trna267-Cys-GCA GG--GUCAAAUGCAAUAACAUUAGCUCAGUGGUAGAGCAAUUGACUGCAGAUCA--AUAG 56
chr-1.trna52-Cys-GCA GG--CAGCA-------UG-----GCCAAGCGGUAAGGCA-GGGGACUGCAAAUC---CUUU 42
chr-1.trna91-Cys-GCA GG--CGGCA-------UG-----GCCAAGCGGUAAGGCAGGGGACUGCAAAUC---CUUU 43
chr-3.trna44-Cys-GCA GG--CGGCA-------UG-----GCCAAGCGGUAAGGCAGGGGACUGCAAAUC---CUUU 43
chr-3.trna234-Cys-GCA GG--CGGCA-------UG-----GCCAAGCGGUAAGGCAGGGGACUGCAAAUC---CUUU 43
chr-4.trna339-Cys-GCA GG--CGGCA-------UG-----GCCAAGCGGUAAGGCAGGGGACUGCAAAUC---CUUU 43
chr-4.trna371-Cys-GCA GG--CGGCA-------UG-----GCCAAGCGGUAAGGCAGGGGACUGCAAAUC---CUUU 43
chr-3.trna81-Cys-GCA GG--CGGCA-------UG-----GCCAAGCGGUAAGGUAGGGGACUGCAAAUC---CUUU 43
chr-2.trna330-Cys-GCA GG--UGGCA-------UG-----GCCAAGCGGUAAGGCAUGGGACUGCAAAUC---CUUU 43
chr-4.trna60-Cys-GCA GG--UGGCA-------UG-----GCCAAGCGGUGAGGCAGGGGACUGCAAAUC---AUUU 43
chr-3.trna414-Cys-GCA GG--CGGCA-------UG-----GCCAAGCGGUAAGGCAGGGGACUGCAAAUC---CUUU 43
chr-1.trna402-Cys-GCA GG--CGGCA-------UG-----GCCAAGCGGUAAGGCAGGGGACUGCAAAUC---CUUU 43
chr-1.trna490-Cys-GCA GG--CGGCA-------UG-----GCCAAGCGGUAAGGCAGGGGACUGCAAAUC---CUUU 43
chr-6.trna357-Cys-ACA GG--CGGCA-------UG-----GACAAGCGGUAUGGUAGGGGACUACAAAUC---CUUU 43
chr-1.trna117-Cys-ACA UUAGUGGCA-------UG-----GCCAAGCGGUAAUGCAGAGGACUACAAAUC---CUUU 45
chr-5.trna510-Cys-GCA UU--UGGCA-------UG-----GCCAAGCGGUAAGGCAGGGGACUGCAAAUC---CUUU 43
chr-6.trna185-Cys-GCA GG--GGCGG-------UGGC---GCAGUUGGCUAGCGCGCAGAGCUGCAUAUCU--UGAG 46
chr-1.trna234-Cys-ACA GC--GCUCU-------UAGU---UCACUUCGGUAGAACGCUGGUCUACAAAACC--UGAU 46
.........10.........20.........30.........40.........50.........
...(((((.......)))))))))))).......
chr-1.trna3-Cys-GCA GUCAGCAGCUCGAACCUGGUUGGGCCC-------U 74
chr-1.trna4-Cys-GCA GUCAGCAGCUCGAACCUGGUUGGGCCC-------U 74
chr-2.trna412-Cys-GCA GUCACCGGUUCGAACCCGGUUGGGCCC-------U 72
chr-3.trna37-Cys-GCA GUCACCGGUUCGAACCCGGUUGGGCCC-------U 72
chr-3.trna41-Cys-GCA GUCACCGGUUCGAACCCGGUUGGGCCC-------U 72
chr-6.trna199-Cys-GCA GUCACCGGUUCGAACCCGGUUGGGCCC-------U 72
chr-3.trna274-Cys-GCA GUCACCGGUUCGAACCCGGUUGGGCCC-------U 72
chr-6.trna65-Cys-GCA GUCACCGGUUCGAACCCGGUUGGGCCC-------U 72
chr-4.trna186-Cys-GCA GUCACCGGUUCGAACCCGGUUGGGCCC-------U 72
chr-4.trna187-Cys-GCA GUCACCGGUUCGAACCCGGUUGGGCCC-------U 72
chr-5.trna195-Cys-GCA GUCACCGGUUCGAACCCGGUUGGGCCC-------U 72
chr-5.trna265-Cys-GCA GUCACCGGUUCGAACCCGGUUGGGCCC-------U 72
chr-5.trna243-Cys-GCA GUCACCGGUUCGAACCCGGUUGGGCCC-------U 72
chr-5.trna268-Cys-GCA GUCACCGGUUCGAACCCGGUUGGGCCC-------U 72
chr-5.trna245-Cys-GCA GUCACUGGUUCAAACCCGGUUGGGCCC-------U 72
chr-5.trna247-Cys-GCA GUCACCGGUUCAAACCCGGUUGGGCCC-------U 72
chr-3.trna38-Cys-GCA GUCAUCGGUUCGAACCCGGUUGGGCCC-------U 72
chr-3.trna39-Cys-GCA GUCACUGGUUCGAACCCUGUUGGGCCC-------U 72
chr-6.trna197-Cys-GCA GUCACCGGUUCGAACCUGGUUGG-GCC-------C 71
chr-1.trna574-Cys-GCA UUCACCAGUUCGAACCUGGCUGGGCCU-------U 75
chr-5.trna246-Cys-GCA GUCACCGGUUCGAACCCGGUUGGGCCC-------U 77
chr-5.trna267-Cys-GCA GUCACCGGUUUGAACCCGGUUGGGCCC-------U 84
chr-1.trna52-Cys-GCA AUCCCCAGUACAAAUCUGGGUGCCGCC-------U 70
chr-1.trna91-Cys-GCA AUCCCCAGUUCAAAUCUGGGUGUCGCC-------U 71
chr-3.trna44-Cys-GCA AUCCCCAGUUCAAAUCUGGGUGUCGCC-------U 71
chr-3.trna234-Cys-GCA AUCCCCAGUUCAAAUCUGGGUGUCGCC-------U 71
chr-4.trna339-Cys-GCA AUCCCCAGUUCAAAUCUGGGUGUCGCC-------U 71
chr-4.trna371-Cys-GCA AUCCCUAGUUCAAAUCUGGGUGCCGCC-------U 71
chr-3.trna81-Cys-GCA AUCCCCAGUUCAAAUCUGGGUGUCGCC-------U 71
chr-2.trna330-Cys-GCA AUCCCCAGUUCAAAUCUGGGUGUCGCC-------U 71
chr-4.trna60-Cys-GCA AUCCCCAGUUCAAAUCUGGGUGCCGCC-------U 71
chr-3.trna414-Cys-GCA AUACCCAGUUAAAAUCUGGGUGUCGCC-------U 71
chr-1.trna402-Cys-GCA AUCCCCAGUUCGAAUAUGGGUGUCGCC-------U 71
chr-1.trna490-Cys-GCA AUCCCCAGUUCAAAUCUAGGUGCCGCC-------U 71
chr-6.trna357-Cys-ACA AUCCCCAGUUCAAAUCUGGGUGUCCCC-------U 71
chr-1.trna117-Cys-ACA AUUCCCAGUACAAAUCUGGGUGCCCAA-------A 73
chr-5.trna510-Cys-GCA AUCCCCAGUUCAAAUCUGGGUGCCGCCUGAUCAAU 78
chr-6.trna185-Cys-GCA GUCGAGAGUUCGAGCCUCUCUCGCCCC-------A 74
chr-1.trna234-Cys-ACA GUCAUAGGUUCAAAUCCUACAGAGCGU-------G 74
.........70.........80.........90....