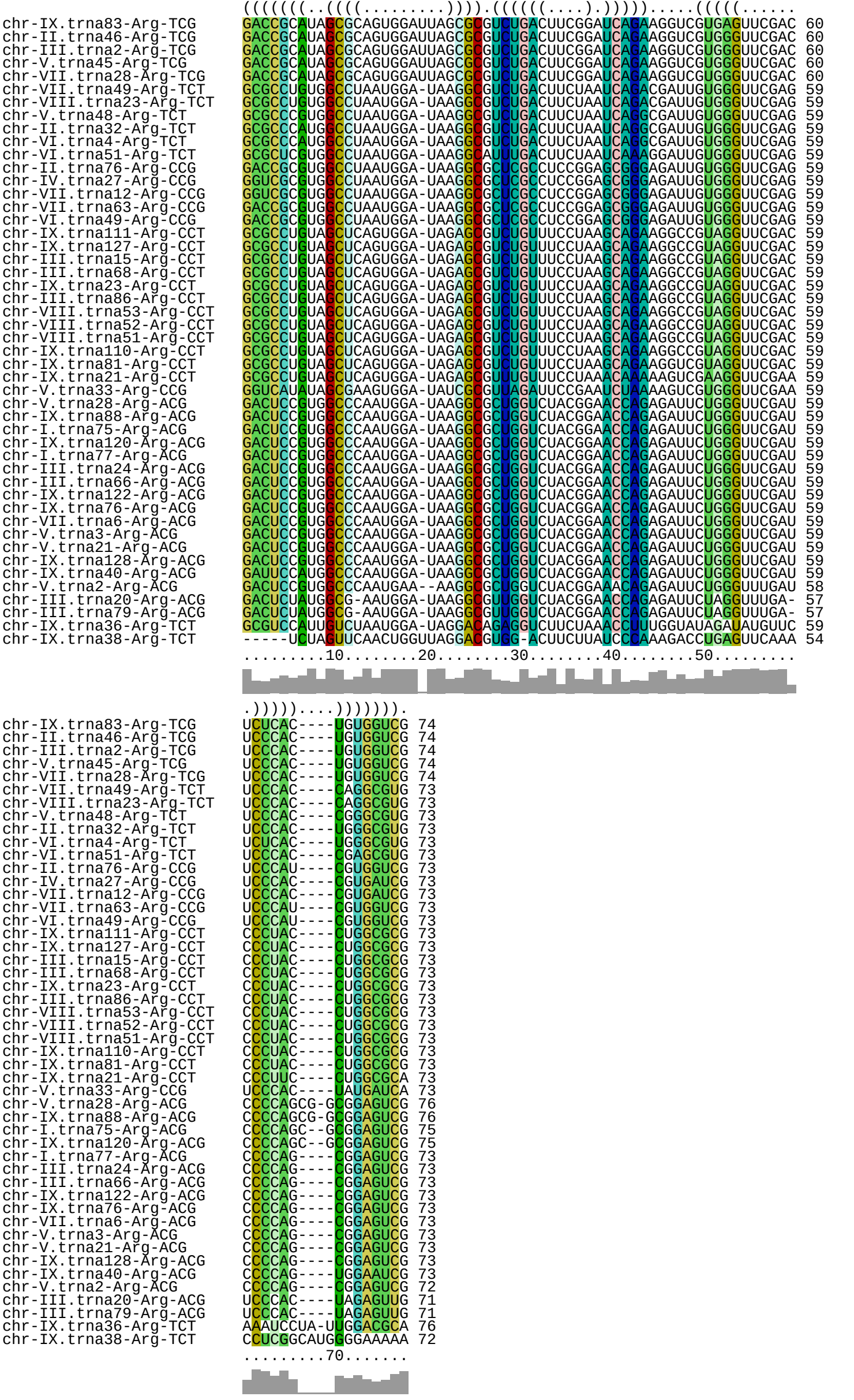
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chr-IX.trna83-Arg-TCG GACCGCAUAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGAGUUCGAC 60
chr-II.trna46-Arg-TCG GACCGCAUAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGGUUCGAC 60
chr-III.trna2-Arg-TCG GACCGCAUAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGGUUCGAC 60
chr-V.trna45-Arg-TCG GACCGCAUAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGGUUCGAC 60
chr-VII.trna28-Arg-TCG GACCGCAUAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGGUUCGAC 60
chr-VII.trna49-Arg-TCT GCGCCUGUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGACGAUUGUGGGUUCGAG 59
chr-VIII.trna23-Arg-TCT GCGCCUGUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGACGAUUGUGGGUUCGAG 59
chr-V.trna48-Arg-TCT GCGCCCGUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUUCGAG 59
chr-II.trna32-Arg-TCT GCGCCCAUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUUCGAG 59
chr-VI.trna4-Arg-TCT GCGCCCAUGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGUUCGAG 59
chr-VI.trna51-Arg-TCT GCGCUCGUGGCCUAAUGGA-UAAGGCAUUUGACUUCUAAUCAAAGGAUUGUGGGUUCGAG 59
chr-II.trna76-Arg-CCG GACCGCGUGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGGUUCGAG 59
chr-IV.trna27-Arg-CCG GGUCGCGUGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGGUUCGAG 59
chr-VII.trna12-Arg-CCG GGUCGCGUGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGGUUCGAG 59
chr-VII.trna63-Arg-CCG GACCGCGUGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGGUUCGAG 59
chr-VI.trna49-Arg-CCG GACCGCGUGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGGUUCGAG 59
chr-IX.trna111-Arg-CCT GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGCCGUAGGUUCGAC 59
chr-IX.trna127-Arg-CCT GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGCCGUAGGUUCGAC 59
chr-III.trna15-Arg-CCT GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGCCGUAGGUUCGAC 59
chr-III.trna68-Arg-CCT GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGCCGUAGGUUCGAC 59
chr-IX.trna23-Arg-CCT GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGCCGUAGGUUCGAC 59
chr-III.trna86-Arg-CCT GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGCCGUAGGUUCGAC 59
chr-VIII.trna53-Arg-CCT GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGCCGUAGGUUCGAC 59
chr-VIII.trna52-Arg-CCT GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGCCGUAGGUUCGAC 59
chr-VIII.trna51-Arg-CCT GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGCCGUAGGUUCGAC 59
chr-IX.trna110-Arg-CCT GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGCCGUAGGUUCGAC 59
chr-IX.trna81-Arg-CCT GCGCCUGUAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCGUAGGUUCGAC 59
chr-IX.trna21-Arg-CCT GCGCCUGUAGCUCAGUGGA-UAGAGCGUUUGUUUCCUAAACAAAAAGUCGAAGGUUCGAA 59
chr-V.trna33-Arg-CCG GGUCAUAUAGCGAAGUGGA-UAUCGCGUUAGAUUCCGAAUCUAAAAGUCGUGGGUUCGAA 59
chr-V.trna28-Arg-ACG GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-IX.trna88-Arg-ACG GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-I.trna75-Arg-ACG GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-IX.trna120-Arg-ACG GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-I.trna77-Arg-ACG GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-III.trna24-Arg-ACG GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-III.trna66-Arg-ACG GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-IX.trna122-Arg-ACG GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-IX.trna76-Arg-ACG GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-VII.trna6-Arg-ACG GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-V.trna3-Arg-ACG GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-V.trna21-Arg-ACG GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-IX.trna128-Arg-ACG GACUCCGUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-IX.trna40-Arg-ACG GAUUCCAUGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGUUCGAU 59
chr-V.trna2-Arg-ACG GACUCCGUGGCCCAAUGAA--AAGGCGCUGGUCUACGGAAACAGAGAUUCUGGGUUUGAU 58
chr-III.trna20-Arg-ACG GACUCUAUGGCG-AAUGGA-UAAGGCGUUGGUCUACGGAACCAGAGAUUCUAGGUUUGA- 57
chr-III.trna79-Arg-ACG GACUCUAUGGCG-AAUGGA-UAAGGCGUUGGUCUACGGAACCAGAGAUUCUAGGUUUGA- 57
chr-IX.trna36-Arg-TCT GCGUCCAUUGUCUAAUGGA-UAGGACAGAGGUCUUCUAAACCUUUGGUAUAGAUAUGUUC 59
chr-IX.trna38-Arg-TCT -----UCUAGUUCAACUGGUUAGGACGUGG-ACUUCUUAUCCCAAAGACCUGAGUUCAAA 54
.........10........20........30........40........50.........
.)))))....)))))))
chr-IX.trna83-Arg-TCG UCUCAC----UGUGGUCG 74
chr-II.trna46-Arg-TCG UCCCAC----UGUGGUCG 74
chr-III.trna2-Arg-TCG UCCCAC----UGUGGUCG 74
chr-V.trna45-Arg-TCG UCCCAC----UGUGGUCG 74
chr-VII.trna28-Arg-TCG UCCCAC----UGUGGUCG 74
chr-VII.trna49-Arg-TCT UCCCAC----CAGGCGUG 73
chr-VIII.trna23-Arg-TCT UCCCAC----CAGGCGUG 73
chr-V.trna48-Arg-TCT UCCCAC----CGGGCGUG 73
chr-II.trna32-Arg-TCT UCCCAC----UGGGCGUG 73
chr-VI.trna4-Arg-TCT UCUCAC----UGGGCGUG 73
chr-VI.trna51-Arg-TCT UCCCAC----CGAGCGUG 73
chr-II.trna76-Arg-CCG UCCCAU----CGUGGUCG 73
chr-IV.trna27-Arg-CCG UCCCAC----CGUGAUCG 73
chr-VII.trna12-Arg-CCG UCCCAC----CGUGAUCG 73
chr-VII.trna63-Arg-CCG UCCCAU----CGUGGUCG 73
chr-VI.trna49-Arg-CCG UCCCAU----CGUGGUCG 73
chr-IX.trna111-Arg-CCT CCCUAC----CUGGCGCG 73
chr-IX.trna127-Arg-CCT CCCUAC----CUGGCGCG 73
chr-III.trna15-Arg-CCT CCCUAC----CUGGCGCG 73
chr-III.trna68-Arg-CCT CCCUAC----CUGGCGCG 73
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chr-IX.trna110-Arg-CCT CCCUAC----CUGGCGCG 73
chr-IX.trna81-Arg-CCT CCCUAC----CUGGCGCG 73
chr-IX.trna21-Arg-CCT CCCUUC----CUGGCGCA 73
chr-V.trna33-Arg-CCG UCCCAC----UAUGAUCA 73
chr-V.trna28-Arg-ACG CCCCAGCG-GCGGAGUCG 76
chr-IX.trna88-Arg-ACG CCCCAGCG-GCGGAGUCG 76
chr-I.trna75-Arg-ACG CCCCAGC--GCGGAGUCG 75
chr-IX.trna120-Arg-ACG CCCCAGC--GCGGAGUCG 75
chr-I.trna77-Arg-ACG CCCCAG----CGGAGUCG 73
chr-III.trna24-Arg-ACG CCCCAG----CGGAGUCG 73
chr-III.trna66-Arg-ACG CCCCAG----CGGAGUCG 73
chr-IX.trna122-Arg-ACG CCCCAG----CGGAGUCG 73
chr-IX.trna76-Arg-ACG CCCCAG----CGGAGUCG 73
chr-VII.trna6-Arg-ACG CCCCAG----CGGAGUCG 73
chr-V.trna3-Arg-ACG CCCCAG----CGGAGUCG 73
chr-V.trna21-Arg-ACG CCCCAG----CGGAGUCG 73
chr-IX.trna128-Arg-ACG CCCCAG----CGGAGUCG 73
chr-IX.trna40-Arg-ACG CCCCAG----UGGAAUCG 73
chr-V.trna2-Arg-ACG CCCCAG----CGGAGUCG 72
chr-III.trna20-Arg-ACG UCCCAC----UAGAGUUG 71
chr-III.trna79-Arg-ACG UCCCAC----UAGAGUUG 71
chr-IX.trna36-Arg-TCT AAAUCCUA-UUGGACGCA 76
chr-IX.trna38-Arg-TCT CCUCGGCAUGGGGAAAAA 72
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