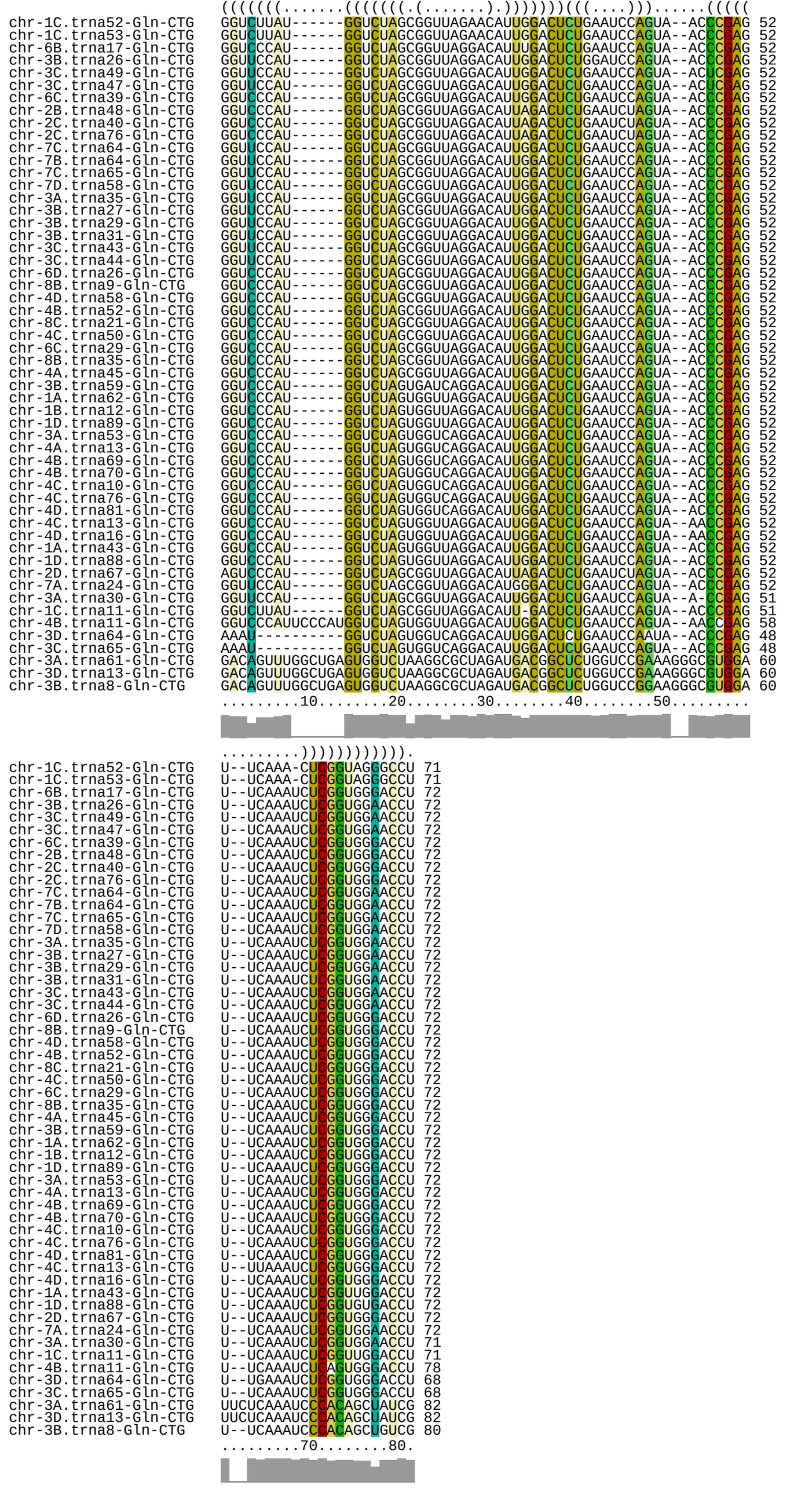
(((((((.....(((((((.(.....).)))))))(((....))).....(((((
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chr-1C.trna53-Gln-CTG GGUCUUAU------GGUCUAGCGGUUAGAACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-6B.trna17-Gln-CTG GGUCCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-3B.trna26-Gln-CTG GGUUCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGGAUCCAGUA--ACCCGAG 52
chr-3C.trna49-Gln-CTG GGUUCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACUCGAG 52
chr-3C.trna47-Gln-CTG GGUUCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACUCGAG 52
chr-6C.trna39-Gln-CTG GGUCCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-2B.trna48-Gln-CTG GGUCCCAU------GGUCUAGCGGUUAGGACAUUAGACUCUGAAUCUAGUA--ACCCGAG 52
chr-2C.trna40-Gln-CTG GGUCCCAU------GGUCUAGCGGUUAGGACAUUAGACUCUGAAUCUAGUA--ACCCGAG 52
chr-2C.trna76-Gln-CTG GGUCCCAU------GGUCUAGCGGUUAGGACAUUAGACUCUGAAUCUAGUA--ACCCGAG 52
chr-7C.trna64-Gln-CTG GGUUCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-7B.trna64-Gln-CTG GGUUCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-7C.trna65-Gln-CTG GGUUCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-7D.trna58-Gln-CTG GGUUCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-3A.trna35-Gln-CTG GGUUCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-3B.trna27-Gln-CTG GGUUCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-3B.trna29-Gln-CTG GGUUCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-3B.trna31-Gln-CTG GGUUCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-3C.trna43-Gln-CTG GGUUCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-3C.trna44-Gln-CTG GGUUCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-6D.trna26-Gln-CTG GGUCCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-8B.trna9-Gln-CTG GGUCCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-4D.trna58-Gln-CTG GGUCCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-4B.trna52-Gln-CTG GGUCCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-8C.trna21-Gln-CTG GGUCCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-4C.trna50-Gln-CTG GGUCCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-6C.trna29-Gln-CTG GGUCCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-8B.trna35-Gln-CTG GGUCCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-4A.trna45-Gln-CTG GGUCCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-3B.trna59-Gln-CTG GGUCCCAU------GGUCUAGUGAUCAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-1A.trna62-Gln-CTG GGUCCCAU------GGUCUAGUGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-1B.trna12-Gln-CTG GGUCCCAU------GGUCUAGUGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-1D.trna89-Gln-CTG GGUCCCAU------GGUCUAGUGGUUAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-3A.trna53-Gln-CTG GGUCCCAU------GGUCUAGUGGUCAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-4A.trna13-Gln-CTG GGUCCCAU------GGUCUAGUGGUCAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-4B.trna69-Gln-CTG GGUCCCAU------GGUCUAGUGGUCAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-4B.trna70-Gln-CTG GGUCCCAU------GGUCUAGUGGUCAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-4C.trna10-Gln-CTG GGUCCCAU------GGUCUAGUGGUCAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-4C.trna76-Gln-CTG GGUCCCAU------GGUCUAGUGGUCAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 52
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chr-4C.trna13-Gln-CTG GGUCCCAU------GGUCUAGUGGUUAGGACAUUGGACUCUGAAUCCAGUA--AACCGAG 52
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chr-7A.trna24-Gln-CTG GGUUCCAU------GGUCUAGCGGUUAGGACAUGGGACUCUGAAUCCAGUA--ACCCGAG 52
chr-3A.trna30-Gln-CTG GGUUCCAU------GGUCUAGCGGUUAGGACAUUGGACUCUGAAUCCAGUA--A-CCGAG 51
chr-1C.trna11-Gln-CTG GGUCUUAU------GGUCUAGCGGUUAGGACAUU-GACUCUGAAUCCAGUA--ACCCGAG 51
chr-4B.trna11-Gln-CTG GGUCCCAUUCCCAUGGUCUAGUGGUUAGGACAUUGGACUCUGAAUCCAGUA--AACCGAG 58
chr-3D.trna64-Gln-CTG AAAU----------GGUCUAGUGGUCAGGACAUUGGACUCUGAAUCCAAUA--ACCCGAG 48
chr-3C.trna65-Gln-CTG AAAU----------GGUCUAGUGGUCAGGACAUUGGACUCUGAAUCCAGUA--ACCCGAG 48
chr-3A.trna61-Gln-CTG GACAGUUUGGCUGAGUGGUCUAAGGCGCUAGAUGACGGCUCUGGUCCGAAAGGGCGUGGA 60
chr-3D.trna13-Gln-CTG GACAGUUUGGCUGAGUGGUCUAAGGCGCUAGAUGACGGCUCUGGUCCGAAAGGGCGUGGA 60
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.........10........20........30........40........50.........
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chr-1C.trna52-Gln-CTG U--UCAAA-CUCGGUAGGGCCU 71
chr-1C.trna53-Gln-CTG U--UCAAA-CUCGGUAGGGCCU 71
chr-6B.trna17-Gln-CTG U--UCAAAUCUCGGUGGGACCU 72
chr-3B.trna26-Gln-CTG U--UCAAAUCUCGGUGGAACCU 72
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chr-3C.trna47-Gln-CTG U--UCAAAUCUCGGUGGAACCU 72
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chr-7D.trna58-Gln-CTG U--UCAAAUCUCGGUGGAACCU 72
chr-3A.trna35-Gln-CTG U--UCAAAUCUCGGUGGAACCU 72
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chr-8C.trna21-Gln-CTG U--UCAAAUCUCGGUGGGACCU 72
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chr-6C.trna29-Gln-CTG U--UCAAAUCUCGGUGGGACCU 72
chr-8B.trna35-Gln-CTG U--UCAAAUCUCGGUGGGACCU 72
chr-4A.trna45-Gln-CTG U--UCAAAUCUCGGUGGGACCU 72
chr-3B.trna59-Gln-CTG U--UCAAAUCUCGGUGGGACCU 72
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chr-1B.trna12-Gln-CTG U--UCAAAUCUCGGUGGGACCU 72
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