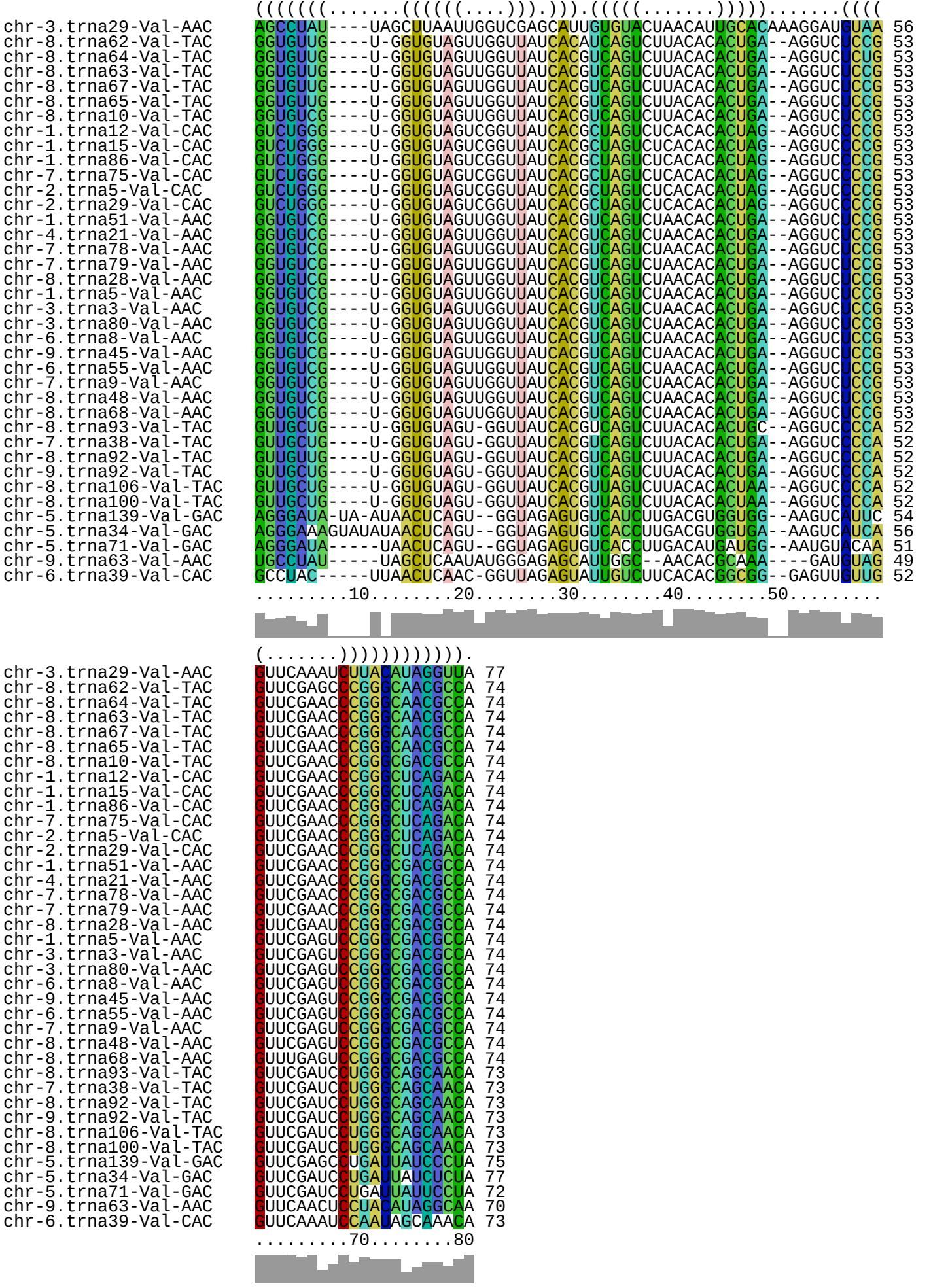
(((((((.....(((((....))).))).(((((.....)))))).....((((
chr-3.trna29-Val-AAC AGCCUAU----UAGCUUAAUUGGUCGAGCAUUGUGUACUAACAUUGCACAAAGGAUCUAA 56
chr-8.trna62-Val-TAC GGUGUUG----U-GGUGUAGUUGGUUAUCACAUCAGUCUUACACACUGA--AGGUCUCCG 53
chr-8.trna64-Val-TAC GGUGUUG----U-GGUGUAGUUGGUUAUCACGUCAGUCUUACACACUGA--AGGUCUCUG 53
chr-8.trna63-Val-TAC GGUGUUG----U-GGUGUAGUUGGUUAUCACGUCAGUCUUACACACUGA--AGGUCUCCG 53
chr-8.trna67-Val-TAC GGUGUUG----U-GGUGUAGUUGGUUAUCACGUCAGUCUUACACACUGA--AGGUCUCCG 53
chr-8.trna65-Val-TAC GGUGUUG----U-GGUGUAGUUGGUUAUCACGUCAGUCUUACACACUGA--AGGUCUCCG 53
chr-8.trna10-Val-TAC GGUGUCG----U-GGUGUAGUUGGUUAUCACGUCAGUCUUACACACUGA--AGGUCUCCG 53
chr-1.trna12-Val-CAC GUCUGGG----U-GGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAG--AGGUCCCCG 53
chr-1.trna15-Val-CAC GUCUGGG----U-GGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAG--AGGUCCCCG 53
chr-1.trna86-Val-CAC GUCUGGG----U-GGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAG--AGGUCCCCG 53
chr-7.trna75-Val-CAC GUCUGGG----U-GGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAG--AGGUCCCCG 53
chr-2.trna5-Val-CAC GUCUGGG----U-GGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAG--AGGUCCCCG 53
chr-2.trna29-Val-CAC GUCUGGG----U-GGUGUAGUCGGUUAUCACGCUAGUCUCACACACUAG--AGGUCCCCG 53
chr-1.trna51-Val-AAC GGUGUCG----U-GGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGA--AGGUCUCCG 53
chr-4.trna21-Val-AAC GGUGUCG----U-GGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGA--AGGUCUCCG 53
chr-7.trna78-Val-AAC GGUGUCG----U-GGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGA--AGGUCUCCG 53
chr-7.trna79-Val-AAC GGUGUCG----U-GGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGA--AGGUCUCCG 53
chr-8.trna28-Val-AAC GGUGUCG----U-GGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGA--AGGUCUCCG 53
chr-1.trna5-Val-AAC GGUGUCG----U-GGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGA--AGGUCUCCG 53
chr-3.trna3-Val-AAC GGUGUCG----U-GGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGA--AGGUCUCCG 53
chr-3.trna80-Val-AAC GGUGUCG----U-GGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGA--AGGUCUCCG 53
chr-6.trna8-Val-AAC GGUGUCG----U-GGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGA--AGGUCUCCG 53
chr-9.trna45-Val-AAC GGUGUCG----U-GGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGA--AGGUCUCCG 53
chr-6.trna55-Val-AAC GGUGUCG----U-GGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGA--AGGUCUCCG 53
chr-7.trna9-Val-AAC GGUGUCG----U-GGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGA--AGGUCUCCG 53
chr-8.trna48-Val-AAC GGUGUCG----U-GGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGA--AGGUCUCCG 53
chr-8.trna68-Val-AAC GGUGUCG----U-GGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGA--AGGUCUCCG 53
chr-8.trna93-Val-TAC GUUGCUG----U-GGUGUAGU-GGUUAUCACGUCAGUCUUACACACUGC--AGGUCUCCA 52
chr-7.trna38-Val-TAC GUUGCUG----U-GGUGUAGU-GGUUAUCACGUCAGUCUUACACACUGA--AGGUCUCCA 52
chr-8.trna92-Val-TAC GUUGUUG----U-GGUGUAGU-GGUUAUCACGUCAGUCUUACACACUGA--AGGUCUCCA 52
chr-9.trna92-Val-TAC GUUGCUG----U-GGUGUAGU-GGUUAUCACGUCAGUCUUACACACUGA--AGGUCUCCA 52
chr-8.trna106-Val-TAC GUUGCUG----U-GGUGUAGU-GGUUAUCACGUUAGUCUUACACACUAA--AGGUCUCCA 52
chr-8.trna100-Val-TAC GUUGCUG----U-GGUGUAGU-GGUUAUCACGUUAGUCUUACACACUAA--AGGUCUCCA 52
chr-5.trna139-Val-GAC AGGGAUA-UA-AUAACUCAGU--GGUAGAGUGUCAUCUUGACGUGGUGG--AAGUCAUUC 54
chr-5.trna34-Val-GAC AGGGAAAGUAUAUAACUCAGU--GGUAGAGUGUCACCUUGACGUGGUGA--AAGUCAUCA 56
chr-5.trna71-Val-GAC AGGGAUA-----UAACUCAGU--GGUAGAGUGUCACCUUGACAUGAUGG--AAUGUACAA 51
chr-9.trna63-Val-AAC UGCCUAU-----UAGCUCAAUAUGGGAGAGCAUUGGC--AACACGCAAA----GAUGUAG 49
chr-6.trna39-Val-CAC GCCUAC-----UUAACUCAAC-GGUUAGAGUAUUGUCUUCACACGGCGG--GAGUUGUUG 52
.........10........20........30........40........50.........
(.......)))))))))))).
chr-3.trna29-Val-AAC GUUCAAAUCUUACAUAGGUUA 77
chr-8.trna62-Val-TAC GUUCGAGCCCGGGCAACGCCA 74
chr-8.trna64-Val-TAC GUUCGAACCCGGGCAACGCCA 74
chr-8.trna63-Val-TAC GUUCGAACCCGGGCAACGCCA 74
chr-8.trna67-Val-TAC GUUCGAACCCGGGCAACGCCA 74
chr-8.trna65-Val-TAC GUUCGAACCCGGGCAACGCCA 74
chr-8.trna10-Val-TAC GUUCGAACCCGGGCGACGCCA 74
chr-1.trna12-Val-CAC GUUCGAACCCGGGCUCAGACA 74
chr-1.trna15-Val-CAC GUUCGAACCCGGGCUCAGACA 74
chr-1.trna86-Val-CAC GUUCGAACCCGGGCUCAGACA 74
chr-7.trna75-Val-CAC GUUCGAACCCGGGCUCAGACA 74
chr-2.trna5-Val-CAC GUUCGAACCCGGGCUCAGACA 74
chr-2.trna29-Val-CAC GUUCGAACCCGGGCUCAGACA 74
chr-1.trna51-Val-AAC GUUCGAACCCGGGCGACGCCA 74
chr-4.trna21-Val-AAC GUUCGAACCCGGGCGACGCCA 74
chr-7.trna78-Val-AAC GUUCGAACCCGGGCGACGCCA 74
chr-7.trna79-Val-AAC GUUCGAACCCGGGCGACGCCA 74
chr-8.trna28-Val-AAC GUUCGAAUCCGGGCGACGCCA 74
chr-1.trna5-Val-AAC GUUCGAGUCCGGGCGACGCCA 74
chr-3.trna3-Val-AAC GUUCGAGUCCGGGCGACGCCA 74
chr-3.trna80-Val-AAC GUUCGAGUCCGGGCGACGCCA 74
chr-6.trna8-Val-AAC GUUCGAGUCCGGGCGACGCCA 74
chr-9.trna45-Val-AAC GUUCGAGUCCGGGCGACGCCA 74
chr-6.trna55-Val-AAC GUUCGAGUCCGGGCGACGCCA 74
chr-7.trna9-Val-AAC GUUCGAGUCCGGGCGACGCCA 74
chr-8.trna48-Val-AAC GUUCGAGUCCGGGCGACGCCA 74
chr-8.trna68-Val-AAC GUUUGAGUCCGGGCGACGCCA 74
chr-8.trna93-Val-TAC GUUCGAUCCUGGGCAGCAACA 73
chr-7.trna38-Val-TAC GUUCGAUCCUGGGCAGCAACA 73
chr-8.trna92-Val-TAC GUUCGAUCCUGGGCAGCAACA 73
chr-9.trna92-Val-TAC GUUCGAUCCUGGGCAGCAACA 73
chr-8.trna106-Val-TAC GUUCGAUCCUGGGCAGCAACA 73
chr-8.trna100-Val-TAC GUUCGAUCCUGGGCAGCAACA 73
chr-5.trna139-Val-GAC GUUCGAGCCUGAUUAUCCCUA 75
chr-5.trna34-Val-GAC GUUCGAUCCUGAUUAUCUCUA 77
chr-5.trna71-Val-GAC GUUCGAUCCUGAUUAUUCCUA 72
chr-9.trna63-Val-AAC GUUCAACUCCUACAUAGGCAA 70
chr-6.trna39-Val-CAC GUUCAAAUCCAAUAGCAAACA 73
.........70........80