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                                 (((((((..((((........)))).(((((........)))))).....(((((.....
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chr-4.trna33-Gly-GCC             ACGGAUAUAGUCGAAUGGU-AAAAUUUCUCUUUGCCA-AGGAGAAGA-CGCAGGUUG-GA 56
chr-1.trna8-Gly-GCC              GCGGAUAUAGUCGAAUGGU-AAAAUUUCUCUUUGCCA-AGGAAAAGA-CGCAGGUUC-GA 56
chr-2.trna66-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-2.trna77-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-2.trna78-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-11.trna93-Gly-GCC            GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-11.trna158-Gly-GCC           GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-3.trna137-Gly-GCC            GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-4.trna16-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-4.trna58-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-5.trna64-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-5.trna102-Gly-GCC            GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-5.trna103-Gly-GCC            GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-6.trna59-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-6.trna88-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-7.trna9-Gly-GCC              GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-10.trna79-Gly-GCC            GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-10.trna78-Gly-GCC            GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-10.trna77-Gly-GCC            GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-10.trna76-Gly-GCC            GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-7.trna39-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-10.trna49-Gly-GCC            GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-10.trna39-Gly-GCC            GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-7.trna85-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-8.trna80-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-8.trna18-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-8.trna78-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-8.trna77-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-8.trna20-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-8.trna79-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGCUACAGA-CCCGGGUUC-GA 56
chr-8.trna22-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CUCGGGUUC-GA 56
chr-2.trna76-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CAGUACAGA-CCCGGGUUC-GA 56
chr-7.trna140-Gly-GCC            GCACCAGUGGUCUAGUGGU-AGAAUAAUAUCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-2.trna79-Gly-GCC             GCACCAGUGGUCUAGUGGA-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-8.trna24-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGAGUUC-GA 56
chr-8.trna29-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUU-GA 56
chr-8.trna26-Gly-GCC             GCACCAGUGGUCUAGUGGU-AGAACAGUACCCUGCCA-CGGUACAGA-CCCGGGUUU-GA 56
chr-8.trna28-Gly-GCC             GCACUAGUGGUUUAGUGGU-AGAAUAGUACCCUGCCA-CGGUACAGA-CCCGGGUUC-GA 56
chr-8.trna21-Gly-GCC             GCACCAAUGGUCUAGUGGU-AGAAUGGUACCCUGCCA-CGGUACAAA-CCCUGGUUC-GA 56
chr-1.trna82-Gly-CCC             GCGCAUCUGGUGUAGUGGU-AUCAUAGUACCCUCCCA-CGGUACUGA-CCGGGGUUC-GA 56
chr-11.trna49-Gly-CCC            GCGCAUCUGGUGUAGUGGU-AUCAUAGUACCCUCCCA-CGGUACUGA-CCGGGGUUC-GA 56
chr-11.trna48-Gly-CCC            GCGCAUCUGGUGUAGUGGU-AUCAUAGUACCCUCCCA-CGGUACUGA-CCGGGGUUC-GA 56
chr-5.trna29-Gly-CCC             GUGCAUCUGGUGUAGUGGU-AUCAUAGUACCCUCCCA-CGGUACUGA-CCGGGGUUC-GA 56
chr-7.trna100-Gly-CCC            GCGCAUCUGGUGUAGUGGU-AUCAUAGUACCCUCCCA-CGGUACUGA-CCGGGGUUC-GA 56
chr-11.trna50-Gly-CCC            GCGCAUCUGGUGUAGUGGU-AUCAUAGUACCCUCCCA-CGGUACCGA-CCGGGGUUC-GA 56
chr-11.trna47-Gly-CCC            GCGCAUCUGGUGUAGUGGU-AUCAUAGUACCCUCCCA-CGGUACUGA-CCGGGGUUC-GA 56
chr-9.trna3-Gly-CCC              GCGCAUCUGGUGUAGUGGU-AUCAUAGUACCCUCCCA-CGGUACUGA-CC-GGGGUC-GA 55
chr-8.trna32-Gly-GCC             GCACCAAUGGUCUAGUUGU-AGAAUAGUACCUUGCCA-UGGUACAAA-CUCAGGUUC-GA 56
chr-2.trna106-Gly-TCC            -UGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCAGGUUU-GA 56
chr-2.trna26-Gly-TCC             GCAUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-UCCGGGUUU-GA 57
chr-2.trna29-Gly-TCC             GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUC-GA 57
chr-2.trna30-Gly-TCC             GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUC-GA 57
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chr-3.trna174-Gly-TCC            GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUC-GA 57
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chr-7.trna145-Gly-TCC            GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUC-GA 57
chr-5.trna40-Gly-TCC             GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUC-GA 57
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chr-11.trna26-Gly-TCC            GUGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUC-GA 57
chr-6.trna58-Gly-TCC             GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUC-GA 57
chr-11.trna24-Gly-TCC            GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUC-GA 57
chr-10.trna70-Gly-TCC            GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUC-GA 57
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chr-6.trna83-Gly-TCC             GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUC-GA 57
chr-2.trna35-Gly-TCC             GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUU-GA 57
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chr-2.trna38-Gly-TCC             GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUU-GA 57
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chr-2.trna34-Gly-TCC             GUGUUUGUAGUCCAACGGUUAGGAUGAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUU-GA 57
chr-7.trna144-Gly-TCC            GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUC-GA 57
chr-2.trna69-Gly-TCC             GCGUCAGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-UCCGGGUUC-GA 57
chr-2.trna70-Gly-TCC             GCAUCAGUAGUCCAACGGUCAGGAUAAUUGCCUUCCA-AGCAAUAGA-UCCGGGUUC-GA 57
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chr-2.trna107-Gly-TCC            GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAAA-CCUGGGUUC-GA 57
chr-2.trna36-Gly-TCC             GCGUUUGUAGUCCAACGAUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGAGUUC-GA 57
chr-6.trna57-Gly-TCC             GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCG-GUUC-GA 56
chr-2.trna109-Gly-TCC            GCGUUUGUAGUCCAACGCUUAGGAUCAUUGCAUUCCA-AGUAAUAGA-CCUGGGUUC-GA 57
chr-2.trna27-Gly-TCC             ACGUUUGUAGUCCAAUGGUUAGGAUAAUUGCCUUCCA-UGCAAUAGA-CCCAAGUUU-GA 57
chr-11.trna140-Gly-TCC           GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGAUAUAGA-CCCAGGUUC-GA 57
chr-6.trna79-Gly-TCC             GGAUCCGUGGCGCAAUGGU-AGCGCGUCUGACUUCCAGAUCAGAAGGUUGCGUGUUC-GA 58
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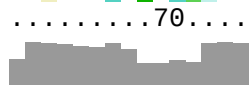
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chr-8.trna30-Gly-GCC             UUGUCGGCUGAUGCA 72
chr-4.trna33-Gly-GCC             UUCCCGCUAUCCGCC 71
chr-1.trna8-Gly-GCC              UCCCUGCUAUCCGCC 71
chr-2.trna66-Gly-GCC             UUCCCGGCUGGUGCA 71
chr-2.trna77-Gly-GCC             UUCCCGGCUGGUGCA 71
chr-2.trna78-Gly-GCC             UUCCCGGCUGGUGCA 71
chr-11.trna93-Gly-GCC            UUCCCGGCUGGUGCA 71
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chr-3.trna137-Gly-GCC            UUCCCGGCUGGUGCA 71
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chr-2.trna26-Gly-TCC             AUCCUGGCAAAUGCA 72
chr-2.trna29-Gly-TCC             CUCCCGGCAAACGCA 72
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chr-11.trna24-Gly-TCC            CUCCCGGCAAACGCA 72
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chr-6.trna97-Gly-TCC             CUCCCGGCAAACGCA 72
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chr-2.trna109-Gly-TCC            GUCCCGACAAACGCA 72
chr-2.trna27-Gly-TCC             CUCUCGGCAAACGCA 72
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chr-6.trna79-Gly-TCC             UUCACGUCGUGUUCA 73
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