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                        (((((((...((((....))))...(((((.......)))))....(((((.......)
chr-4.trna14-Gly-GCC    GCGAGCGUAGUUCAGUGGU-AAAACAUCUCCUUGCCAAGGAGAAGAUACGGGUUCGAUUC 59
chr-6.trna24-Gly-GCC    GCGAGCAUAGUUCAGUGGU-AAAACAUCUCCUUGCCAAGGAGAAGAUACGAGUUCGAUUC 59
chr-5.trna35-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-7.trna3-Gly-TCC     GCGUCUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-2.trna6-Gly-TCC     GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-3.trna33-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-3.trna25-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-6.trna30-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-6.trna33-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-2.trna50-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-6.trna32-Gly-TCC    GCGUUUGUAGUCCAACGGUCAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-8.trna32-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACUC 60
chr-6.trna31-Gly-TCC    GCGUUUGUUGUCCAACGGUUAGGAUAAUUGCAUUCCAAGCAAUAGACCCGGGUUUGACUC 60
chr-1.trna8-Gly-GCC     GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-1.trna9-Gly-GCC     GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-9.trna71-Gly-GCC    GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-1.trna31-Gly-GCC    GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-9.trna58-Gly-GCC    GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-9.trna57-Gly-GCC    GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-9.trna53-Gly-GCC    GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-1.trna67-Gly-GCC    GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-9.trna31-Gly-GCC    GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-9.trna13-Gly-GCC    GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-1.trna95-Gly-GCC    GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-7.trna69-Gly-GCC    GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-2.trna7-Gly-GCC     GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-2.trna40-Gly-GCC    GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-3.trna9-Gly-GCC     GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-3.trna12-Gly-GCC    GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-4.trna1-Gly-GCC     GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-4.trna18-Gly-GCC    GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-5.trna16-Gly-GCC    GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUUC 59
chr-6.trna28-Gly-GCC    GCACCAGUGGUCUAGUGGU-AGAAUAGUACCCUGCCACGGUACAGACCCGGAUUCGAUUA 59
chr-9.trna64-Gly-CCC    GCGCAUCUGGUGUAGUGGU-AUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-9.trna44-Gly-CCC    GCGCAUCUGGUGUAGUGGU-AUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-1.trna94-Gly-CCC    GCGCAUCUGGUGUAGUGGU-AUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-5.trna70-Gly-CCC    GCGCAUCUGGUGUAGUGGU-AUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-2.trna43-Gly-CCC    GCGCAUCUGGUGUAGUGGU-AUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-3.trna53-Gly-CCC    GCGCAUCUGGUGUAGUGGU-AUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
chr-3.trna57-Gly-CCC    GCGCAUCUGGUGUAGUGGU-AUCAUAGUACCCUCCCACGGUACUGACCGGGGUUCGAUUC 59
                        .........10........20........30........40........50.........
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chr-4.trna14-Gly-GCC    UCGUGGCUCGCC 71
chr-6.trna24-Gly-GCC    CCGUCGCUCGCC 71
chr-5.trna35-Gly-TCC    CCGGCAAACGCA 72
chr-7.trna3-Gly-TCC     CCGGCAGACGCA 72
chr-2.trna6-Gly-TCC     CCGGCAAACGCA 72
chr-3.trna33-Gly-TCC    CCGGCAAACGCA 72
chr-3.trna25-Gly-TCC    CCGGCAAACGCA 72
chr-6.trna30-Gly-TCC    CCGGCAAACGCA 72
chr-6.trna33-Gly-TCC    CCGGCAGACGCA 72
chr-2.trna50-Gly-TCC    CCGGCAGACGCA 72
chr-6.trna32-Gly-TCC    CCGGCAGACGCA 72
chr-8.trna32-Gly-TCC    CCGGCAAACGCA 72
chr-6.trna31-Gly-TCC    CGGGCAAACGCA 72
chr-1.trna8-Gly-GCC     CCGGCUGGUGCA 71
chr-1.trna9-Gly-GCC     CCGGCUGGUGCA 71
chr-9.trna71-Gly-GCC    CCGGCUGGUGCA 71
chr-1.trna31-Gly-GCC    CCGGCUGGUGCA 71
chr-9.trna58-Gly-GCC    CCGGCUGGUGCA 71
chr-9.trna57-Gly-GCC    CCGGCUGGUGCA 71
chr-9.trna53-Gly-GCC    CCGGCUGGUGCA 71
chr-1.trna67-Gly-GCC    CCGGCUGGUGCA 71
chr-9.trna31-Gly-GCC    CCGGCUGGUGCA 71
chr-9.trna13-Gly-GCC    CCGGCUGGUGCA 71
chr-1.trna95-Gly-GCC    CCGGCUGGUGCA 71
chr-7.trna69-Gly-GCC    CCGGCUGGUGCA 71
chr-2.trna7-Gly-GCC     CCGGCUGGUGCA 71
chr-2.trna40-Gly-GCC    CCGGCUGGUGCA 71
chr-3.trna9-Gly-GCC     CCGGCUGGUGCA 71
chr-3.trna12-Gly-GCC    CCGGCUGGUGCA 71
chr-4.trna1-Gly-GCC     CCGGCUGGUGCA 71
chr-4.trna18-Gly-GCC    CCGGCUGGUGCA 71
chr-5.trna16-Gly-GCC    CCGGCUGGUGCA 71
chr-6.trna28-Gly-GCC    CCGGCUGGUGCA 71
chr-9.trna64-Gly-CCC    CCCGGAUGCGCA 71
chr-9.trna44-Gly-CCC    CCCGGAUGCGCA 71
chr-1.trna94-Gly-CCC    CCCGGAUGCGCA 71
chr-5.trna70-Gly-CCC    CCCGGAUGCGCA 71
chr-2.trna43-Gly-CCC    CCCGGAUGCGCA 71
chr-3.trna53-Gly-CCC    CCCGGAUGCGCA 71
chr-3.trna57-Gly-CCC    CCCGGAUGCGCA 71
                        .........70.
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