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                        (((((((.((((((.............((((.......))))))))))))))(((.......
chr-2.trna21-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-2.trna36-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-9.trna26-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-2.trna70-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-7.trna60-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-4.trna5-Gly-GCC     GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-5.trna13-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-5.trna17-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-5.trna18-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-5.trna49-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-6.trna67-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-6.trna57-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-6.trna49-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-6.trna47-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-5.trna51-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-6.trna23-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-6.trna9-Gly-GCC     GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-5.trna52-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-5.trna53-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCGAUU 58
chr-5.trna55-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCGGGUUCAAUU 58
chr-5.trna54-Gly-GCC    GCACCAG-UGGUCUAGUGG-UAGAAUAGUACCCUGCCACGGUACAGACCCAGGUUCGAUU 58
chr-1.trna42-Gly-CCC    GCGCAUC-UGGUGUAGUGG-UAUCAUAGUACCCUCCCACGGUACUGACCAGGGUUCGAUU 58
chr-6.trna27-Gly-CCC    GCGCAUC-UGGUGUAGUGG-UAUCAUAGUACCCUCCCACGGUACUGACCAGGGUUCGAUU 58
chr-3.trna55-Gly-CCC    GCGCAUC-UGGUGUAGUGG-UAUCAUAGUACCCUCCCACGGUACUGACCAGGGUUCGAUU 58
chr-3.trna8-Gly-CCC     GCGCAUC-UGGUGUAGUGG-UAUCAUAGUAUCCUCCCACGGUACUGACCAGGGUUCGAUU 58
chr-1.trna13-Gly-TCC    GCGUUUG-UAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-1.trna59-Gly-TCC    GCGUUUG-UAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-1.trna5-Gly-TCC     GCGUUUG-UAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-8.trna23-Gly-TCC    GCGUUUG-UAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-7.trna54-Gly-TCC    GCGUUUG-UAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-6.trna79-Gly-TCC    GCGUUUG-UAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-2.trna76-Gly-TCC    GCGUUUG-UAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-7.trna50-Gly-TCC    GCGUUUG-UAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-4.trna27-Gly-TCC    GCGUUUG-UAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-7.trna51-Gly-TCC    GCGUUUG-UAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-2.trna77-Gly-TCC    GCGUUUG-UAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-2.trna81-Gly-TCC    GCGUUUG-UAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-2.trna95-Gly-TCC    GCGUUUG-UAGUCCAACGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-7.trna26-Gly-TCC    AUCACGGAUAGUCCAGAGGUAAGGACUAUCUAUCUUCCAUAACAAAUUGUAGGUUCAAUU 60
                        .........10........20........30........40........50.........

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chr-2.trna21-Gly-GCC    CCCGGCUGGUGCA 71
chr-2.trna36-Gly-GCC    CCCGGCUGGUGCA 71
chr-9.trna26-Gly-GCC    CCCGGCUGGUGCA 71
chr-2.trna70-Gly-GCC    CCCGGCUGGUGCA 71
chr-7.trna60-Gly-GCC    CCCGGCUGGUGCA 71
chr-4.trna5-Gly-GCC     CCCGGCUGGUGCA 71
chr-5.trna13-Gly-GCC    CCCGGCUGGUGCA 71
chr-5.trna17-Gly-GCC    CCCGGCUGGUGCA 71
chr-5.trna18-Gly-GCC    CCCGGCUGGUGCA 71
chr-5.trna49-Gly-GCC    CCCGGCUGGUGCA 71
chr-6.trna67-Gly-GCC    CCCGGCUGGUGCA 71
chr-6.trna57-Gly-GCC    CCCGGCUGGUGCA 71
chr-6.trna49-Gly-GCC    CCCGGCUGGUGCA 71
chr-6.trna47-Gly-GCC    CCCGGCUGGUGCA 71
chr-5.trna51-Gly-GCC    CCCGGCUGGUGCA 71
chr-6.trna23-Gly-GCC    CCCGGCUGGUGCA 71
chr-6.trna9-Gly-GCC     CCCGGCUGGUGCA 71
chr-5.trna52-Gly-GCC    CCCGGCUGGUGCA 71
chr-5.trna53-Gly-GCC    CCCGGCUGGUGCA 71
chr-5.trna55-Gly-GCC    CCCGGCUGGUGCA 71
chr-5.trna54-Gly-GCC    CCCGGCUGGUGCA 71
chr-1.trna42-Gly-CCC    CCCUGGAUGCGCA 71
chr-6.trna27-Gly-CCC    CCCUGGAUGCGCA 71
chr-3.trna55-Gly-CCC    CCCUGGAUGCGCA 71
chr-3.trna8-Gly-CCC     CCCUGGAUGCGCA 71
chr-1.trna13-Gly-TCC    CCCGGCAAACGCA 72
chr-1.trna59-Gly-TCC    CCCGGCAAACGCA 72
chr-1.trna5-Gly-TCC     CCCGGCAAACGCA 72
chr-8.trna23-Gly-TCC    CCCGGCAAACGCA 72
chr-7.trna54-Gly-TCC    CCCGGCAAACGCA 72
chr-6.trna79-Gly-TCC    CCCGGCAAACGCA 72
chr-2.trna76-Gly-TCC    CCCGGCAAACGCA 72
chr-7.trna50-Gly-TCC    CCCGGCAAACGCA 72
chr-4.trna27-Gly-TCC    CCCGGCAAACGCA 72
chr-7.trna51-Gly-TCC    CCCGGCAAACGCA 72
chr-2.trna77-Gly-TCC    CCCGGCAAACGCA 72
chr-2.trna81-Gly-TCC    CCCGGCAAACGCA 72
chr-2.trna95-Gly-TCC    CCCGGCAAACGCA 72
chr-7.trna26-Gly-TCC    CCUAC-UGUGGUA 72
                        .........70..
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