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                                 (((((((..((((........)))).(((((........)))))).....(((((.......
chr-11.trna25-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUUGAC 58
chr-2.trna35-Gly-TCC     GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUUGAC 58
chr-2.trna37-Gly-TCC     GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUUGAC 58
chr-2.trna38-Gly-TCC     GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUUGAC 58
chr-2.trna29-Gly-TCC     GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUCGAC 58
chr-2.trna30-Gly-TCC     GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUCGAC 58
chr-11.trna27-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUCGAC 58
chr-11.trna26-Gly-TCC    GUGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUCGAC 58
chr-11.trna75-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUCGAC 58
chr-11.trna24-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUCGAC 58
chr-3.trna173-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUCGAC 58
chr-10.trna70-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUCGAC 58
chr-7.trna145-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUCGAC 58
chr-3.trna174-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUCGAC 58
chr-6.trna97-Gly-TCC     GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUCGAC 58
chr-6.trna83-Gly-TCC     GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUCGAC 58
chr-3.trna194-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUCGAC 58
chr-6.trna58-Gly-TCC     GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUCGAC 58
chr-5.trna40-Gly-TCC     GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUCGAC 58
chr-11.trna20-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUCAAC 58
chr-2.trna34-Gly-TCC     GUGUUUGUAGUCCAACGGUUAGGAUGAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUUGAC 58
chr-7.trna144-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGGGUUCGAC 58
chr-2.trna26-Gly-TCC     GCAUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-UCCGGGUUUGAA 58
chr-2.trna69-Gly-TCC     GCGUCAGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-UCCGGGUUCGAC 58
chr-2.trna70-Gly-TCC     GCAUCAGUAGUCCAACGGUCAGGAUAAUUGCCUUCCA-AGCAAUAGA-UCCGGGUUCGAC 58
chr-4.trna104-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-UCCGGGUUUGAC 58
chr-2.trna32-Gly-TCC     GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCUGGGUUCGAC 58
chr-2.trna107-Gly-TCC    GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAAA-CCUGGGUUCGAC 58
chr-2.trna36-Gly-TCC     GCGUUUGUAGUCCAACGAUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCGAGUUCGAC 58
chr-6.trna57-Gly-TCC     GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCG-GUUCGAC 57
chr-2.trna109-Gly-TCC    GCGUUUGUAGUCCAACGCUUAGGAUCAUUGCAUUCCA-AGUAAUAGA-CCUGGGUUCGAG 58
chr-2.trna27-Gly-TCC     ACGUUUGUAGUCCAAUGGUUAGGAUAAUUGCCUUCCA-UGCAAUAGA-CCCAAGUUUGAC 58
chr-11.trna140-Gly-TCC   GCGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGAUAUAGA-CCCAGGUUCGAC 58
chr-2.trna106-Gly-TCC    -UGUUUGUAGUCCAACGGUUAGGAUAAUUGCCUUCCA-AGCAAUAGA-CCCAGGUUUGAU 57
chr-6.trna79-Gly-TCC     GGAUCCGUGGCGCAAUGGU-AGCGCGUCUGACUUCCAGAUCAGAAGGUUGCGUGUUCGAU 59
                         .........10........20........30........40........50.........

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chr-11.trna25-Gly-TCC    UCCCGGCAAACGCA 72
chr-2.trna35-Gly-TCC     UCCCGGCAAACGCA 72
chr-2.trna37-Gly-TCC     UCCCGGCAAACGCA 72
chr-2.trna38-Gly-TCC     UCCCGGCAAACGCA 72
chr-2.trna29-Gly-TCC     UCCCGGCAAACGCA 72
chr-2.trna30-Gly-TCC     UCCCGGCAAAUGCA 72
chr-11.trna27-Gly-TCC    UCCCGGUAAACGCA 72
chr-11.trna26-Gly-TCC    UCCCGGCAAACGCA 72
chr-11.trna75-Gly-TCC    UCCCGGCAAACGCA 72
chr-11.trna24-Gly-TCC    UCCCGGCAAACGCA 72
chr-3.trna173-Gly-TCC    UCCCGGCAAACGCA 72
chr-10.trna70-Gly-TCC    UCCCGGCAAACGCA 72
chr-7.trna145-Gly-TCC    UCCCGGCAAACGCA 72
chr-3.trna174-Gly-TCC    UCCCGGCAAACGCA 72
chr-6.trna97-Gly-TCC     UCCCGGCAAACGCA 72
chr-6.trna83-Gly-TCC     UCCCGGCAAACGCA 72
chr-3.trna194-Gly-TCC    UCCCGGCAAACGCA 72
chr-6.trna58-Gly-TCC     UCCCGGCAAAUGCA 72
chr-5.trna40-Gly-TCC     UCCCGGCAAACGCA 72
chr-11.trna20-Gly-TCC    UCUCGGCAAACGCA 72
chr-2.trna34-Gly-TCC     UCCCGGCAAACGCA 72
chr-7.trna144-Gly-TCC    UCCGGGCAAACGCA 72
chr-2.trna26-Gly-TCC     UCCUGGCAAAUGCA 72
chr-2.trna69-Gly-TCC     UCCCGGCUGACGCA 72
chr-2.trna70-Gly-TCC     UCCCGGCUGAUGCA 72
chr-4.trna104-Gly-TCC    UCCUGGCAAACGCA 72
chr-2.trna32-Gly-TCC     UCCCGGCAAACGCA 72
chr-2.trna107-Gly-TCC    UCCCGGCAAACGCA 72
chr-2.trna36-Gly-TCC     UCCCAGCAAACGCA 72
chr-6.trna57-Gly-TCC     UCCCGGCAAACGCA 71
chr-2.trna109-Gly-TCC    UCCCGACAAACGCA 72
chr-2.trna27-Gly-TCC     UCUCGGCAAACGCA 72
chr-11.trna140-Gly-TCC   UCCUAGCAAACGCA 72
chr-2.trna106-Gly-TCC    UCCUGGAAAAGAAA 71
chr-6.trna79-Gly-TCC     UCACGUCGUGUUCA 73
                         .........70...
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