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                        (((((((..((((........)))).(((((.......)))))).....(((((.......
chr-2.trna63-Ala-CGC    GGGGGUGUAGCUCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGUUCGAUU 60
chr-6.trna43-Ala-CGC    GGGGGUGUAGCUCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGUUCGAUU 60
chr-8.trna76-Ala-CGC    GGGGAUGUAGCUCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGUUCGAUU 60
chr-7.trna29-Ala-CGC    GGGGGUGUAGCUCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGUUCGAUU 60
chr-8.trna34-Ala-CGC    GGGGAUGUAGCUCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGUUCGAUU 60
chr-5.trna35-Ala-CGC    GGGGAUGUAGCUCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGUUCGAUU 60
chr-1.trna25-Ala-TGC    GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAUC 60
chr-1.trna88-Ala-TGC    GGGGUUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAUC 60
chr-5.trna41-Ala-TGC    GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAUC 60
chr-5.trna40-Ala-TGC    GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAUC 60
chr-1.trna109-Ala-TGC   GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAUC 60
chr-4.trna42-Ala-TGC    GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAUC 60
chr-4.trna43-Ala-TGC    GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAUC 60
chr-5.trna62-Ala-TGC    GGGGUUGUAACUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAUC 60
chr-1.trna86-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-1.trna13-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-8.trna1-Ala-AGC     GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-5.trna2-Ala-AGC     GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-7.trna34-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-8.trna37-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-5.trna7-Ala-AGC     GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-6.trna51-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-8.trna75-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-6.trna26-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-6.trna7-Ala-AGC     GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-5.trna64-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-5.trna63-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-7.trna28-Ala-CGC    GGGGGUGUAGCUCAUAUGGUCGAGCGCUCGCUUCGCAUGUGAGAGGCACCGGGUUCGAUU 60
chr-5.trna37-Ala-TGC    GGGGACAUAGCUCAGUUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUCCAGGGUUCGAUU 60
chr-7.trna37-Ala-CGC    GGGGAUGUAGCUCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGU----AU 56
                        .........10........20........30........40........50.........

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chr-2.trna63-Ala-CGC    CCCCGCACCUCCA 73
chr-6.trna43-Ala-CGC    CCCCGCAUCUCCA 73
chr-8.trna76-Ala-CGC    CCCCGCAUCUCCA 73
chr-7.trna29-Ala-CGC    CCCCGCACCUCCA 73
chr-8.trna34-Ala-CGC    CCCCGCAUCUCCA 73
chr-5.trna35-Ala-CGC    CCCUGCAUCUCCA 73
chr-1.trna25-Ala-TGC    CCCCGCAUCUCCA 73
chr-1.trna88-Ala-TGC    CCCCGCAGCUCCA 73
chr-5.trna41-Ala-TGC    CCCCGCAUCUCCA 73
chr-5.trna40-Ala-TGC    CCCCGCAUCUCCA 73
chr-1.trna109-Ala-TGC   CCCCGCAUCUCCA 73
chr-4.trna42-Ala-TGC    CCCCGCAUCUCCA 73
chr-4.trna43-Ala-TGC    CCCCGCAUCUCCA 73
chr-5.trna62-Ala-TGC    CCCCGCAGCUCCA 73
chr-1.trna86-Ala-AGC    CCCCGCAUCUCCA 73
chr-1.trna13-Ala-AGC    CCCCGCAUCUCCA 73
chr-8.trna1-Ala-AGC     CCCCGCAUCUCCA 73
chr-5.trna2-Ala-AGC     CCCCGCAUCUCCA 73
chr-7.trna34-Ala-AGC    CCCCGCAUCUCCA 73
chr-8.trna37-Ala-AGC    CCCCGCAUCUCCA 73
chr-5.trna7-Ala-AGC     CCCCGCAUCUCCA 73
chr-6.trna51-Ala-AGC    CCCCGCAUCUCCA 73
chr-8.trna75-Ala-AGC    CCCCGCAUCUCCA 73
chr-6.trna26-Ala-AGC    CCCCGCAUCUCCA 73
chr-6.trna7-Ala-AGC     CCCCGCAUCUCCA 73
chr-5.trna64-Ala-AGC    CCCCGCAUCUCCA 73
chr-5.trna63-Ala-AGC    CCCCGCAUCUCCA 73
chr-7.trna28-Ala-CGC    CCCAGCACCUCCA 73
chr-5.trna37-Ala-TGC    CCCUGUCUCUCCA 73
chr-7.trna37-Ala-CGC    CCACGCAUCUCCA 69
                        .........70..
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