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                         (((((((..((((........)))).(((((.......)))))).....(((((.......
chr-1.trna92-Ala-AGC     GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-2.trna77-Ala-AGC     GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-2.trna78-Ala-AGC     GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-12.trna54-Ala-AGC    GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-4.trna10-Ala-AGC     GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-5.trna32-Ala-AGC     GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-6.trna57-Ala-AGC     GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-11.trna8-Ala-AGC     GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-11.trna7-Ala-AGC     GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-7.trna21-Ala-AGC     GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-9.trna53-Ala-AGC     GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-10.trna56-Ala-AGC    GGGGAUAUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-2.trna86-Ala-AGC     GGGGAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACAGGGAUCGAUA 60
chr-12.trna5-Ala-AGC     GGGGAUGUAACUCAGAUGGCAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUUGAUA 60
chr-4.trna9-Ala-AGC      GGGAAUGUAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAUA 60
chr-2.trna69-Ala-TGC     GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUACAGGGUUCGAUC 60
chr-12.trna36-Ala-TGC    GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUACAGGGUUCGAUC 60
chr-12.trna35-Ala-TGC    GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUACAGGGUUCGAUC 60
chr-1.trna59-Ala-TGC     GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAUC 60
chr-1.trna18-Ala-TGC     GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAUC 60
chr-2.trna24-Ala-TGC     GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAUC 60
chr-6.trna20-Ala-TGC     GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAUC 60
chr-2.trna79-Ala-TGC     GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAUC 60
chr-5.trna30-Ala-TGC     GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAUC 60
chr-3.trna5-Ala-TGC      GGGGAUGUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAUC 60
chr-1.trna103-Ala-CGC    GGGGGUGUAGCUCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGUUCGAUU 60
chr-2.trna23-Ala-TGC     GGGGAUAUAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUACAUGGUUCAAUC 60
chr-12.trna61-Ala-GGC    GCACCGGUAGUCUAG-UGAUAGAAUAGUACCCUGGCACGAUACAGGU-CCGAGUUCAAUU 58
                         .........10........20........30........40........50.........

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chr-1.trna92-Ala-AGC     CCCCGCAUCUCCA 73
chr-2.trna77-Ala-AGC     CCCCGCAUCUCCA 73
chr-2.trna78-Ala-AGC     CCCCGCAUCUCCA 73
chr-12.trna54-Ala-AGC    CCCCGCAUCUCCA 73
chr-4.trna10-Ala-AGC     CCCCGCAUCUCCA 73
chr-5.trna32-Ala-AGC     CCCCGCAUCUCCA 73
chr-6.trna57-Ala-AGC     CCCCGCAUCUCCA 73
chr-11.trna8-Ala-AGC     CCCCGCAUCUCCA 73
chr-11.trna7-Ala-AGC     CCCCGCAUCUCCA 73
chr-7.trna21-Ala-AGC     CCCCGCAUCUCCA 73
chr-9.trna53-Ala-AGC     CCCCGCAUCUCCA 73
chr-10.trna56-Ala-AGC    CCCCGCAUCUCCA 73
chr-2.trna86-Ala-AGC     CCCCGCAUCUCCA 73
chr-12.trna5-Ala-AGC     CCCCGCAUCUCCA 73
chr-4.trna9-Ala-AGC      ACCCGCAUCUCCA 73
chr-2.trna69-Ala-TGC     CCCUGCAUCUCCA 73
chr-12.trna36-Ala-TGC    CCCUGCAUCUCCA 73
chr-12.trna35-Ala-TGC    CCCUGCAUCUCCA 73
chr-1.trna59-Ala-TGC     CCCCGCAUCUCCA 73
chr-1.trna18-Ala-TGC     CCCCGCAUCUCCA 73
chr-2.trna24-Ala-TGC     CCCCGCAUCUCCA 73
chr-6.trna20-Ala-TGC     CCCCGCAUCUCCA 73
chr-2.trna79-Ala-TGC     CCCCGCAUCUCCA 73
chr-5.trna30-Ala-TGC     CCCCGCAUCUCCA 73
chr-3.trna5-Ala-TGC      CCCCGCAUCUCCA 73
chr-1.trna103-Ala-CGC    CCCCGCACCUCCA 73
chr-2.trna23-Ala-TGC     CCCUGCAUCUCCA 73
chr-12.trna61-Ala-GGC    CCCGGCUGGUGCC 71
                         .........70..
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