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chr-16.trna12-Ala-AGC   -GCUCUUGUAGCUC----GGUUAGAGCACCCGUUUAGCAAGCGGGAGGUCUUGAGUUCGA 55
chr-2.trna31-Ala-CGC    -GGGGGUGUAGCUCAUAUGG-UAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGUUCGA 58
chr-5.trna29-Ala-CGC    -GGGGGUGUAGCUCAUAUGG-UAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGUUCGA 58
chr-5.trna30-Ala-CGC    -GGGGGUGUAGCUCAUAUGG-UAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGUUCGA 58
chr-26.trna5-Ala-CGC    -GGGGGUGUAGCUCAUAUGG-UAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGUUCGA 58
chr-19.trna42-Ala-CGC   -GGGGGUGUAGCUCAUAUGG-UAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGUUCGA 58
chr-19.trna97-Ala-CGC   -GGGGGUGUAGCUCAUAUGG-UAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGUUCGA 58
chr-21.trna68-Ala-CGC   -GGGGGUGUAGCUCAUAUGG-UAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGUUCGA 58
chr-7.trna23-Ala-CGC    -GGGGAUGUAGCUCAUAUGG-UAGAGCGCUCGCUUCGCAUGCUAGAGGUACGGGGAUCGA 58
chr-1.trna32-Ala-TGC    -GGGGAUGUAACUCAAAUGC-UAGAGUGCUCGCUUUGCAUGCGAGAGGCACGAGGUUCGA 58
chr-9.trna44-Ala-TGC    -GGGGAUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUUGA 58
chr-3.trna20-Ala-TGC    -GGGGAUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGA 58
chr-3.trna21-Ala-TGC    -GGGGAUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGA 58
chr-4.trna65-Ala-TGC    -GGGGAUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGA 58
chr-26.trna26-Ala-TGC   -GGGGAUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGA 58
chr-14.trna85-Ala-TGC   -GGGGAUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGA 58
chr-6.trna58-Ala-TGC    -GGGGAUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGA 58
chr-22.trna60-Ala-TGC   -GGGGAUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGA 58
chr-16.trna25-Ala-TGC   -GGGGAUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGA 58
chr-21.trna65-Ala-TGC   -GGGGAUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGA 58
chr-10.trna17-Ala-TGC   -GGGGAUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGA 58
chr-19.trna59-Ala-TGC   -GGGGAUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGA 58
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chr-13.trna5-Ala-TGC    -GGGGAUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGA 58
chr-17.trna50-Ala-TGC   -GGGGAUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGA 58
chr-18.trna11-Ala-TGC   -GGGGAUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGA 58
chr-16.trna10-Ala-TGC   -GGGGUUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGUACAGGGUUCGA 58
chr-24.trna15-Ala-TGC   -GGGGUUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGUACAGGGUUCGA 58
chr-24.trna17-Ala-TGC   -GGGGUUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGUACAGGGUUCGA 58
chr-9.trna67-Ala-TGC    -GGGGAUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGUACAGGGUUCGA 58
chr-26.trna27-Ala-TGC   -GGGAAUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGA 58
chr-13.trna52-Ala-TGC   -GGGGAUGUAGCUCAAAUGG-UAGAGCGCUUGCUUUGCAUGCGAGAGGUACGGGGUUUGA 58
chr-13.trna3-Ala-TGC    -GGGGAUGUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGUGAGAGGCACGGGGUUCGA 58
chr-6.trna57-Ala-TGC    -GGGGAUGUAGCUCAAACAG-UAGAGCGCUCGCUUUGCAUGCGAGAAGUACGGGGUUCGA 58
chr-1.trna16-Ala-TGC    -GGGAGUGUAGCUCAUAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGCGCGGGGUUCAA 58
chr-7.trna45-Ala-AGC    -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGA 58
chr-19.trna19-Ala-AGC   -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGA 58
chr-5.trna24-Ala-AGC    -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGA 58
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chr-10.trna76-Ala-AGC   -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGA 58
chr-24.trna45-Ala-AGC   -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGA 58
chr-12.trna44-Ala-AGC   -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGA 58
chr-14.trna21-Ala-AGC   -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGA 58
chr-14.trna33-Ala-AGC   -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGA 58
chr-19.trna38-Ala-AGC   -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGA 58
chr-14.trna37-Ala-AGC   -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGA 58
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chr-14.trna46-Ala-AGC   -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGA 58
chr-17.trna46-Ala-AGC   -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGA 58
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chr-17.trna24-Ala-AGC   -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGA 58
chr-14.trna48-Ala-AGC   -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGA 58
chr-14.trna49-Ala-AGC   -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGA 58
chr-15.trna20-Ala-AGC   -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGA 58
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chr-6.trna5-Ala-AGC     -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGCACGGGGAUCGA 58
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chr-6.trna13-Ala-AGC    -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGA 58
chr-24.trna68-Ala-AGC   -GGGGAUGUAGCUCAGAUGA-UAGAGCGCUCGCUUAGCAUGCGAGAGGUAUGGGGAUCGA 58
chr-5.trna63-Ala-AGC    -GGGGAUGUAGCUCAGAUGG-UAGAGUGCUCGCUUAGCAUGCGAGAGGUACAGGGAUCGA 58
chr-23.trna3-Ala-AGC    -GGGGAUGUAGCUCAGGUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGAGAUCGA 58
chr-17.trna25-Ala-AGC   -GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGAGAGAGGUACGGGGAUCGA 58
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chr-14.trna87-Ala-TGC   -GGGGAUCUAGCUCAAAUGG-UAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGA 58
chr-14.trna41-Ala-AGC   -GGGGAU--AGCUCAGAUGG-UAGAGCGCUUGCUUAGCAUGCGAGAGGUACGGGGAUCGA 56
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chr-14.trna36-Ala-AGC   -GGGGAUGUAGCUUAGAUGG-UAGAGUGCUCGCUUAGCAUGUGAGAGGUAUAGGGAUUGA 58
chr-19.trna46-Ala-GGC   -GGGGGUGUAGCUUAGAUGG-UGAUGCACUCGCUUGGCAUGUGAGAGGUACGGGGAUCGA 58
chr-14.trna35-Ala-AGC   -GGGGAUGUAGCUUAGAUGG-UAGAGCGCUUGCUUAGCAUGUGAGAGGUACGGGGAUUGA 58
chr-25.trna8-Ala-AGC    -GGGGUUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCAAGAGGUACGGGGAUCGA 58
chr-6.trna12-Ala-AGC    -GGGGAUGUAGCUUAGAUGG-UAGAGCGCUCGCUUAGCAUGCAAGAGGUACGGGGAUCGA 58
chr-14.trna86-Ala-TGC   UGGGGAUGUAGCUCAAAUGG-UAGAGUGCUCGCUUUGCAUGCGAGAGGCACGGGGUUC-- 57
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chr-16.trna12-Ala-AGC   CUCUCAACAAGAGCA 70
chr-2.trna31-Ala-CGC    UUCCCCGCACCUCCA 73
chr-5.trna29-Ala-CGC    UUCCCCGCACCUCCA 73
chr-5.trna30-Ala-CGC    UUCCCCGCACCUCCA 73
chr-26.trna5-Ala-CGC    UUCCCCGCACCUCCA 73
chr-19.trna42-Ala-CGC   UUCCCCGCACCUCCA 73
chr-19.trna97-Ala-CGC   UUCCCCGCACCUCCA 73
chr-21.trna68-Ala-CGC   UUCCCCGCAUCUCCA 73
chr-7.trna23-Ala-CGC    UUCCCCGCAUUUCCA 73
chr-1.trna32-Ala-TGC    UCCCCCGCAUCUCCA 73
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chr-9.trna16-Ala-AGC    UACCCCGCAUCUCCA 73
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chr-14.trna33-Ala-AGC   UACCCCGCAUCUCCA 73
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chr-14.trna46-Ala-AGC   UACCCCGCAUCUCCA 73
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chr-17.trna24-Ala-AGC   UACCCCGCAUUUCCA 73
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chr-6.trna13-Ala-AGC    UAUCCCGCAUCUCCA 73
chr-24.trna68-Ala-AGC   UACCCCGCAUCUCCA 73
chr-5.trna63-Ala-AGC    UACCCCGCAUCUCCA 73
chr-23.trna3-Ala-AGC    UACCCCGCAUCUCCA 73
chr-17.trna25-Ala-AGC   UACCCCGCAUUUCCA 73
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chr-14.trna35-Ala-AGC   UACCCCGCAUCUCCA 73
chr-25.trna8-Ala-AGC    UACCCCGCAUCUCCA 73
chr-6.trna12-Ala-AGC    UACCCUGUAUCUCCA 73
chr-14.trna86-Ala-TGC   -AUCUCCAUUUUCAG 71
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