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                        ((((.(((..((((.........)))).(((((.......)))))).....(((((.....
chr-1.trna10-Ala-TGC    GGGG-GUGUAGCUCAAAUGG-AAGAGCGCUCGCUUUGCAUGCGAGAGGUACCGGGA-UCG 57
chr-1.trna7-Ala-TGC     GGGG-GUGUAGCUCAAAUGG-AAGAGCGCUCGCUUUGCAUGCGAGAGGUACCGGGA-UCG 57
chr-6.trna10-Ala-TGC    GGGG-GUGUAGCUCAAAUGG-AAGAGCGCUCGCUUUGCAUGCGAGAGGUACCGGGA-UCG 57
chr-6.trna12-Ala-TGC    GGGG-GUGUAGCUCAAAUGG-AAGAGCGCUCGCUUUGCAUGCGAGAGGUACCGGGA-UCG 57
chr-6.trna14-Ala-TGC    GGGG-GUGUAGCUCAAAUGG-AAGAGCGCUCGCUUUGCAUGCGAGAGGUACCGGGA-UCG 57
chr-6.trna22-Ala-TGC    GGGG-GUGUAGCUCAAAUGG-AAGAGCGCUCGCUUUGCAUGCGAGAGGUACCGGGA-UCG 57
chr-6.trna24-Ala-TGC    GGGG-GUGUAGCUCAAAUGG-AAGAGCGCUCGCUUUGCAUGCGAGAGGUACCGGGA-UCG 57
chr-19.trna15-Ala-TGC   GGGG-GUGUAGCUCAAAUGG-AAGAGCGCUCGCUUUGCAUGCGAGAGGUACCGGGA-UCG 57
chr-9.trna7-Ala-TGC     GGGG-GUGUAGCUCAAAUGG-AAGAGCGCUCGCUUUGCAUGCGAGAGGUACCGGGA-UCG 57
chr-9.trna5-Ala-TGC     GGGG-GUGUAGCUCAAAUGG-AAGAGCGCUCGCUUUGCAUGCGAGAGGUACCGGGA-UCG 57
chr-5.trna23-Ala-CGC    GGGG-GAGUAGCUCAAAUGG-UAGAGCGCCUGAUUCGCAUUCAGGAGGUAACGGGA-UCG 57
chr-10.trna2-Ala-CGC    GGGG-GAGUAGCUCAAAUGG-UAGAGCGCCUGAUUCGCAUUCAGGAGGUAACGGGA-UCG 57
chr-16.trna10-Ala-CGC   GGGG-GAGUAGCUCAAAUGG-UAGAGCGCCUGAUUCGCAUUCAGGAGGUAACGGGA-UCG 57
chr-25.trna10-Ala-CGC   GGGG-GAGUAGCUCAAAUGG-UAGAGCGCCUGAUUCGCAUUCAGGAGGUAACGGGA-UCG 57
chr-25.trna1-Ala-CGC    GGGG-GAGUAGCUCAAAUGG-UAGAGCGCCUGAUUCGCAUUCAGGAGGUAACGGGA-UCG 57
chr-20.trna9-Ala-CGC    GGGG-GAGUAGCUCAAAUGG-UAGAGCGCCUGAUUCGCAUUCAGGAGGUAACGGGA-UCG 57
chr-21.trna16-Ala-CGC   GGGG-GAGUAGCUCAAAUGG-UAGAGCGCCUGAUUCGCAUUCAGGAGGUAACGGGA-UCG 57
chr-7.trna12-Ala-AGC    GGGG-AUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGA-UCG 57
chr-7.trna13-Ala-AGC    GGGG-AUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGA-UCG 57
chr-7.trna20-Ala-AGC    GGGG-AUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGA-UCG 57
chr-7.trna22-Ala-AGC    GGGG-AUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGA-UCG 57
chr-21.trna30-Ala-AGC   GGGG-AUGUAGCUCAGACGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGA-UCG 57
chr-11.trna6-Ala-AGC    GGGG-AUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUGCGGGA-UCG 57
chr-3.trna3-Ala-AGC     GGGG-AUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUAUGGGA-UCG 57
chr-3.trna5-Ala-AGC     GGGG-AUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUAUGGGA-UCG 57
chr-3.trna9-Ala-AGC     GGGG-AUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUAUGGGA-UCG 57
chr-3.trna11-Ala-AGC    GGGG-AUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUAUGGGA-UCG 57
chr-7.trna16-Ala-AGC    GGGG-AUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUAUGGGA-UCG 57
chr-3.trna13-Ala-AGC    GGGG-AUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUAUGGGA-UCG 57
chr-3.trna15-Ala-AGC    GGGG-AUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUAUGGGA-UCG 57
chr-5.trna2-Ala-AGC     GGGG-AUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUAUGGGA-UCG 57
chr-24.trna13-Ala-AGC   GGGG-AUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUAUGGGA-UCG 57
chr-5.trna24-Ala-AGC    GGGG-AUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUAUGGGA-UCG 57
chr-15.trna17-Ala-AGC   GGGG-AUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUAUGGGA-UCG 57
chr-24.trna7-Ala-AGC    GGGG-AUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUAUGGGA-UCA 57
chr-5.trna14-Ala-CGC    GGGG-GAGUAGCUCACAUGG-UGGAGCGCCUGAUUCGCAUUCAGGAGGUAACGGGA-UCG 57
chr-13.trna7-Ala-AGC    GGGG-AUGUAGUUCAGAUGG-UAGAGUGCUCGCUUAGCAUGCGAGAGGUACGGGA-AUA 57
chr-26.trna5-Ala-AGC    GGGG-AUGUAGCUCAGAUGG-UAGAGCGCUCGUCUAGCAUGCGAGAGGCAUGGGAA-UCG 57
chr-12.trna9-Ala-CGC    GGGGUACUUUGCUCAUAUGG-UAGAGCGCCUGAUUCGCAUUCAGGAGGUAUCGGGA-UCG 58
chr-7.trna18-Ala-TGC    UCCG-UAAUAGUCUUGACGGUUAGGAUACCUAGUUUGCACCCAGUUGAUCUGGGUUCUCG 59
                        .........10........20........30........40........50.........

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chr-1.trna10-Ala-TGC    AUACCCGGCGUCUCCA 73
chr-1.trna7-Ala-TGC     AUACCCGGCGUCUCCA 73
chr-6.trna10-Ala-TGC    AUACCCGGCGUCUCCA 73
chr-6.trna12-Ala-TGC    AUACCCGGCGUCUCCA 73
chr-6.trna14-Ala-TGC    AUACCCGGCGUCUCCA 73
chr-6.trna22-Ala-TGC    AUACCCGGCGUCUCCA 73
chr-6.trna24-Ala-TGC    AUACCCGGCGUCUCCA 73
chr-19.trna15-Ala-TGC   AUACCCGGCGUCUCCA 73
chr-9.trna7-Ala-TGC     AUACCCGGCGUCUCCA 73
chr-9.trna5-Ala-TGC     AUACCCGGCGUCUCCA 73
chr-5.trna23-Ala-CGC    AUGCCCGUCUUCUCCA 73
chr-10.trna2-Ala-CGC    AUGCCCGUCUUCUCCA 73
chr-16.trna10-Ala-CGC   AUGCCCGUCUUCUCCA 73
chr-25.trna10-Ala-CGC   AUGCCCGUCUUCUCCA 73
chr-25.trna1-Ala-CGC    AUGCCCGUCUUCUCCA 73
chr-20.trna9-Ala-CGC    AUGCCCGUCUUCUCCA 73
chr-21.trna16-Ala-CGC   AUGCCCGUCUUCUCCA 73
chr-7.trna12-Ala-AGC    AUACCCCGCAUCUCCA 73
chr-7.trna13-Ala-AGC    AUACCCCGCAUCUCCA 73
chr-7.trna20-Ala-AGC    AUACCCCGCAUCUCCA 73
chr-7.trna22-Ala-AGC    AUACCCCGCAUCUCCA 73
chr-21.trna30-Ala-AGC   AUGCCCCGCAUCUCCA 73
chr-11.trna6-Ala-AGC    AUACCCCGCAUCUCCA 73
chr-3.trna3-Ala-AGC     AUACCCCACUUCUCCA 73
chr-3.trna5-Ala-AGC     AUACCCCACUUCUCCA 73
chr-3.trna9-Ala-AGC     AUACCCCACUUCUCCA 73
chr-3.trna11-Ala-AGC    AUACCCCACUUCUCCA 73
chr-7.trna16-Ala-AGC    AUACCCCACUUCUCCA 73
chr-3.trna13-Ala-AGC    AUACCCCACUUCUCCA 73
chr-3.trna15-Ala-AGC    AUACCCCACUUCUCCA 73
chr-5.trna2-Ala-AGC     AUACCCCACUUCUCCA 73
chr-24.trna13-Ala-AGC   AUACCCCACUUCUCCA 73
chr-5.trna24-Ala-AGC    AUACCCCACUUCUCCA 73
chr-15.trna17-Ala-AGC   AUACCCCACUUCUCCA 73
chr-24.trna7-Ala-AGC    AUACCCCACUUCUCCA 73
chr-5.trna14-Ala-CGC    AUGACCGUCUUCUCCA 73
chr-13.trna7-Ala-AGC    AUACCCCGCAUCUCCA 73
chr-26.trna5-Ala-AGC    AUACCCCUCUUCUCCA 73
chr-12.trna9-Ala-CGC    AUGCCCGUCUUCUCCA 74
chr-7.trna18-Ala-TGC    AGUCCCGGUUACGGAG 75
                        .........70.....
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