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                        (((((((..((((.........)))).(((((.......)))))).....(((((.....
chr-A02.trna47-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUACGAGAGGUACGGGGAUCGAU 59
chr-A02.trna48-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUACGAGAGGUACGGGGAUCGAU 59
chr-B08.trna16-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGUGAGGUACGGGGAUCGAU 59
chr-A02.trna29-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-B10.trna80-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-B08.trna142-Ala-AGC GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-B08.trna141-Ala-AGC GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-A03.trna33-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-B07.trna124-Ala-AGC GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-B07.trna46-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-B07.trna2-Ala-AGC   GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-A03.trna34-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-B04.trna57-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-A03.trna35-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-B03.trna144-Ala-AGC GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-B03.trna94-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-B02.trna151-Ala-AGC GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-B02.trna44-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-A04.trna29-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-A10.trna45-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-A10.trna38-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-A05.trna72-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-A08.trna20-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-A08.trna14-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-A08.trna11-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-B04.trna70-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUUGAU 59
chr-A05.trna43-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAAGUACGGGGAUCGAU 59
chr-A08.trna52-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-B01.trna64-Ala-AGC  GGGGAUGUAGCUCAGAUGG-UAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-B04.trna32-Ala-AGC  GGUGUUGUGGUGUAGUUGGUUAUCACGUCAGCUUAGCACAUUGAAGGUCUUAGGUUCGAA 60
                        .........10........20........30........40........50.........

                        .)))))))))))).
chr-A02.trna47-Ala-AGC  ACCCCGCAUCUCCA 73
chr-A02.trna48-Ala-AGC  ACCCCGCAUCUCCA 73
chr-B08.trna16-Ala-AGC  ACCCCGCAUCUCCA 73
chr-A02.trna29-Ala-AGC  ACCCCGCAUCUCCA 73
chr-B10.trna80-Ala-AGC  ACCCCGCAUCUCCA 73
chr-B08.trna142-Ala-AGC ACCCCGCAUCUCCA 73
chr-B08.trna141-Ala-AGC ACCCCGCAUCUCCA 73
chr-A03.trna33-Ala-AGC  ACCCCGCAUCUCCA 73
chr-B07.trna124-Ala-AGC ACCCCGCAUCUCCA 73
chr-B07.trna46-Ala-AGC  ACCCCGCAUCUCCA 73
chr-B07.trna2-Ala-AGC   ACCCCGCAUCUCCA 73
chr-A03.trna34-Ala-AGC  ACCCCGCAUCUCCA 73
chr-B04.trna57-Ala-AGC  ACCCCGCAUCUCCA 73
chr-A03.trna35-Ala-AGC  ACCCCGCAUCUCCA 73
chr-B03.trna144-Ala-AGC ACCCCGCAUCUCCA 73
chr-B03.trna94-Ala-AGC  ACCCCGCAUCUCCA 73
chr-B02.trna151-Ala-AGC ACCCCGCAUCUCCA 73
chr-B02.trna44-Ala-AGC  ACCCCGCAUCUCCA 73
chr-A04.trna29-Ala-AGC  ACCCCGCAUCUCCA 73
chr-A10.trna45-Ala-AGC  ACCCCGCAUCUCCA 73
chr-A10.trna38-Ala-AGC  ACCCCGCAUCUCCA 73
chr-A05.trna72-Ala-AGC  ACCCCGCAUCUCCA 73
chr-A08.trna20-Ala-AGC  ACCCCGCAUCUCCA 73
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chr-A08.trna11-Ala-AGC  ACCCCGCAUCUCCA 73
chr-B04.trna70-Ala-AGC  ACCCCGCAUCUCCA 73
chr-A05.trna43-Ala-AGC  ACCCCGCAUCUCCA 73
chr-A08.trna52-Ala-AGC  ACCCUGCAUCUCCA 73
chr-B01.trna64-Ala-AGC  AUCCCGCAUCUCCA 73
chr-B04.trna32-Ala-AGC  UCCGGGCAAUGCUA 74
                        .........70...
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