```
                         (((((((...((((........)))).(((((.......)))))).....(((((.....
chr-LG2.trna13-Ala-TGC   GGGGAUG-UAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAU 59
chr-LG3.trna20-Ala-TGC   GGGGAUG-UAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAU 59
chr-LG21.trna1-Ala-TGC   GGGGAUG-UAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAU 59
chr-LG4.trna1-Ala-TGC    GGGGAUG-UAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAU 59
chr-LG5.trna13-Ala-TGC   GGGGAUG-UAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGGGUUCGAU 59
chr-LG11.trna1-Ala-TGC   GGGGAUG-UAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCACGGUGUUCGAU 59
chr-LG17.trna13-Ala-TGC  GGGGAUG-UAGCUCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUACAGGGUUCGAU 59
chr-LG3.trna3-Ala-CGC    GGGGGUG-UAGCUCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGUUCGAU 59
chr-LG3.trna32-Ala-CGC   GGGGGUG-UAGCUCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGUUCGAU 59
chr-LG25.trna12-Ala-CGC  GGGGGUG-UAGCUCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGUUCGAU 59
chr-LG3.trna42-Ala-CGC   GGGGGUG-UAGCUCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCACGGGGUUCGAU 59
chr-LG14.trna19-Ala-CGC  GGGGUUG-UAGCUCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCACGAGGUUCGAU 59
chr-LG3.trna8-Ala-AGC    GGGGAUG-UAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-LG27.trna4-Ala-AGC   GGGGAUG-UAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-LG22.trna5-Ala-AGC   GGGGAUG-UAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-LG21.trna19-Ala-AGC  GGGGAUG-UAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-LG23.trna9-Ala-AGC   GGGGAUG-UAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-LG19.trna12-Ala-AGC  GGGGAUG-UAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-LG5.trna6-Ala-AGC    GGGGAUG-UAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-LG16.trna5-Ala-AGC   GGGGAUG-UAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-LG7.trna14-Ala-AGC   GGGGAUG-UAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-LG2.trna6-Ala-AGC    GGGGAUG-UAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-LG14.trna28-Ala-AGC  GGGGAUG-UAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-LG13.trna16-Ala-AGC  GGGGAUG-UAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAUCGAU 59
chr-LG2.trna18-Ala-AGC   GGGGAUG-UAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGAGAUCGAU 59
chr-LG6.trna29-Ala-AGC   GGGGAUG-UAGCUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGGAACCAU 59
chr-LG11.trna13-Ala-TGC  GGGGAUG-UAGCUCACAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUACGGGGUUCGAU 59
chr-LG23.trna29-Ala-TGC  GGGGAUG-UAGCUCACAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUACGGGGUUCGAU 59
chr-LG23.trna33-Ala-TGC  GGGGAUG-UAGCUCACAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUACGGGGUUCGAU 59
chr-LG16.trna1-Ala-TGC   GGGUAUG-UAGCUCACAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUACGGGGUUCGAU 59
chr-LG15.trna5-Ala-AGC   UGGGGAUUUAGCUAAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUACGGGAAUCUAU 60
chr-LG7.trna16-Ala-CGC   UAG--UGUUUGGUCUAGUGGUGUGAUUCUCGCUUCGCGUGCCAGAGGUCGCGAGUUCGAU 58
                         .........10........20........30........40........50.........
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                         .))))).)))))))).
chr-LG2.trna13-Ala-TGC   CCCCCG--CAUCUCCA 73
chr-LG3.trna20-Ala-TGC   CCCCCG--CAUCUCCA 73
chr-LG21.trna1-Ala-TGC   CCCCCG--CAUCUCCA 73
chr-LG4.trna1-Ala-TGC    CCCCCG--CAUCUCCA 73
chr-LG5.trna13-Ala-TGC   CCCCCG--CAUCUCCA 73
chr-LG11.trna1-Ala-TGC   CCCCCG--CAUCUCCA 73
chr-LG17.trna13-Ala-TGC  CCCCUG--CAUCUCCA 73
chr-LG3.trna3-Ala-CGC    UCCCCG--CACCUCCA 73
chr-LG3.trna32-Ala-CGC   UCCCCG--CACCUCCA 73
chr-LG25.trna12-Ala-CGC  UCCCCG--CACCUCCA 73
chr-LG3.trna42-Ala-CGC   UCCCCG--CACCUCCA 73
chr-LG14.trna19-Ala-CGC  UCCCCG--CAGCUCCA 73
chr-LG3.trna8-Ala-AGC    ACCCCG--CAUCUCCA 73
chr-LG27.trna4-Ala-AGC   ACCCCG--CAUCUCCA 73
chr-LG22.trna5-Ala-AGC   ACCCCG--CAUCUCCA 73
chr-LG21.trna19-Ala-AGC  ACCCCG--CAUCUCCA 73
chr-LG23.trna9-Ala-AGC   ACCCCG--CAUCUCCA 73
chr-LG19.trna12-Ala-AGC  ACCCCG--CAUCUCCA 73
chr-LG5.trna6-Ala-AGC    ACCCCG--CAUCUCCA 73
chr-LG16.trna5-Ala-AGC   ACCCCG--CAUCUCCA 73
chr-LG7.trna14-Ala-AGC   ACCCCG--CAUCUCCA 73
chr-LG2.trna6-Ala-AGC    ACCCCG--CAUCUCCA 73
chr-LG14.trna28-Ala-AGC  ACCCCG--CAUCUCCA 73
chr-LG13.trna16-Ala-AGC  ACCCCG--CAUCUCCA 73
chr-LG2.trna18-Ala-AGC   ACCCCG--CAUCUCCA 73
chr-LG6.trna29-Ala-AGC   ACCCCG--CAUCUCCA 73
chr-LG11.trna13-Ala-TGC  ACCCCG--CAUCUCCA 73
chr-LG23.trna29-Ala-TGC  ACCCCG--CAUCUCCA 73
chr-LG23.trna33-Ala-TGC  ACCCCG--CAUCUCCA 73
chr-LG16.trna1-Ala-TGC   ACCCCG--CAUCUCCA 73
chr-LG15.trna5-Ala-AGC   ACCCGC--AUCUCCAU 74
chr-LG7.trna16-Ala-CGC   UCUCGCAAAACCCCAA 74
                         .........70.....
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