```
                                ((.(((((..((...((........)))).(((((.......)))))).....(...((((
chr-8.trna108-Ala-TGC    GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCUCUUUGCAUGCGAGAAGUAC---GGGG 53
chr-8.trna96-Ala-TGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCUCUUUGCAUGCGAGAAGUAU---GGGG 53
chr-1.trna24-Ala-AGC     GG-GGAUGUAGC---UUAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAUGUAC---GGGG 53
chr-9.trna43-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-8.trna69-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-8.trna73-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-1.trna25-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-2.trna17-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-2.trna19-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-3.trna1-Ala-AGC      GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-4.trna92-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-6.trna71-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-6.trna75-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-7.trna7-Ala-AGC      GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-8.trna2-Ala-AGC      GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-8.trna30-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-8.trna31-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-8.trna32-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-8.trna52-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-8.trna81-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-11.trna22-Ala-AGC    GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-8.trna95-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-11.trna21-Ala-AGC    GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGUUUAGCAUGCGAGAGGUAC---GGGG 53
chr-3.trna13-Ala-AGC     GG-GGAUGUAGU---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-8.trna91-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAU---GGGG 53
chr-8.trna97-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAU---GGGG 53
chr-3.trna16-Ala-AGC     GG-GGAUGUAGC---UCAAAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-8.trna104-Ala-AGC    GG-GGAUGUAGC---UCAUAUGGUAGAGUGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-8.trna109-Ala-AGC    GG-GGAUGUAGC---UUAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGAUAC---GGGG 53
chr-9.trna40-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUUGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-6.trna14-Ala-AGC     GG-GGAUAUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-9.trna19-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGAG 53
chr-3.trna36-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---AGGG 53
chr-3.trna15-Ala-TGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUAC---GGGG 53
chr-8.trna92-Ala-TGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCAC---GGGG 53
chr-8.trna82-Ala-TGC     GG-GGAUGUAGC---UCAGAUGGUAGAGUGCUCGCUUUGCAUGCGAGAGGCAC---GAGG 53
chr-8.trna74-Ala-TGC     GG-GGAUGUAGC---UCAGAUAGUAGAGUGCUCGCUUUGCAUGCGAGAGGCAC---GAGG 53
chr-8.trna70-Ala-TGC     GG-GGAUGUAGC---UCAGAUGGUAGAGUGCUCGCUUUGCAUGCGAGAGGCAC---GAGG 53
chr-3.trna14-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-8.trna107-Ala-AGC    GG-GGAUGUAGC---UCAGAUGGUAAAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-8.trna85-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-8.trna88-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 53
chr-4.trna15-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGUUUAGCAUGCGAGAGGUAC---GGGG 53
chr-8.trna94-Ala-TGC     GG-GGAUGUAGC---UUAGAUGGUAGAGCGCUUGCUUUGCAUGCGAGAGGUAU---GGGG 53
chr-8.trna68-Ala-TGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUUGCUUUGCAUGCGAGAGGUAU---GGGG 53
chr-8.trna90-Ala-TGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCACUUGCUUUGCAUGCGAGAGGUAU---GGGG 53
chr-8.trna100-Ala-TGC    GG-AGAUGUAGC---UCAGAUGGUAGAGCACUUGCUUUGCAUGCGAGAGGUAU---GGGG 53
chr-8.trna67-Ala-TGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUUGCUUUGCAUGCGAGAGGCAC---GAGG 53
chr-1.trna41-Ala-CGC     GG-GGGUGUAGC---UCAUAUAGUAGAGCGCUCGCUUCGCAUGCGCGAGGCAC---AGGG 53
chr-1.trna98-Ala-CGC     GG-GGGUGUAGC---UCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCAC---GGGG 53
chr-4.trna74-Ala-CGC     GG-GGGUGUAGC---UCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCAC---GGGG 53
chr-6.trna24-Ala-CGC     GG-GGGUGUAGC---UCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCAC---GGGG 53
chr-11.trna53-Ala-CGC    GG-GGGUGUAGC---UCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCAC---GGGG 53
chr-6.trna95-Ala-CGC     GG-GGGUGUAGC---UCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCAC---GGGG 53
chr-6.trna96-Ala-CGC     GG-GGGUGUAGC---UCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCAC---GGGG 53
chr-6.trna97-Ala-CGC     GG-GGGUGUAGC---UCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCAC---GGGG 53
chr-8.trna23-Ala-CGC     GG-GGGUGUAGC---UCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCAC---GGGG 53
chr-8.trna60-Ala-CGC     GG-GGGUGUAGC---UCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCAC---GGGG 53
chr-11.trna57-Ala-CGC    GG-GGGUGUAGC---UCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCAC---GGGG 53
chr-10.trna19-Ala-TGC    GG-GGGUGUAGC---UCAUAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCAC---GGGG 53
chr-10.trna15-Ala-TGC    GG-GGACGUAGC---UCAUAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCAC---GGGG 53
chr-1.trna42-Ala-TGC     GG-GGGUGUAGC---UCAUAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCAC---GGGG 53
chr-1.trna43-Ala-TGC     GG-GGGUGUAGC---UCAUAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCAC---GGGG 53
chr-1.trna44-Ala-TGC     GG-GGGUGUAGC---UCAUAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCAC---GGGG 53
chr-7.trna58-Ala-TGC     GG-GGGUGUAGC---UCAAACGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUAC---GGGG 53
chr-1.trna16-Ala-TGC     GG-GGAUGUAGC---UCAAACGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUAC---GGGG 53
chr-7.trna57-Ala-TGC     GG-GGAUGUAGC---UCAAACGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUAC---GGGG 53
chr-9.trna18-Ala-TGC     GG-GGGUGUAGC---UCAAACGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUAC---GGGG 53
chr-10.trna6-Ala-TGC     GG-GGAUGUAGC---UCAAACGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUAC---GGGG 53
chr-10.trna49-Ala-TGC    GG-GGAUGUAGC---UCAAACGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUAC---GGGG 53
chr-9.trna17-Ala-TGC     GG-GGAUGUAGC---UCAAACGGUAGAGCGCUCGCUUUGCAUGCGAGAAGUAC---GGGG 53
chr-1.trna3-Ala-TGC      GG-GGAUGUAGC---UCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUAC---AGGG 53
chr-3.trna24-Ala-TGC     GG-GGAUGUAGC---UCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUAC---AGGG 53
chr-6.trna100-Ala-TGC    GG-GGAUGUAUC---UCAAACGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUAC---GGGG 53
chr-8.trna78-Ala-TGC     GG-AGAUGUAGC---UCAGAUGCUAGAUCGCUCGUUUUGCAUGCGAGAGGCAC---GGGG 53
chr-8.trna89-Ala-TGC     GG-AGAUGUAGC---UCAGAUGCUAAAUCGCUCGUUUUGCAUGCGAGAGGCAC---GGGG 53
chr-8.trna86-Ala-TGC     GG-AGAUGUAGC---UCAGAUGCUAAAUCGCUCGUUUUGCAUGCGAGAGGCAC---GGGG 53
chr-8.trna98-Ala-TGC     GG-AGAUGUAGC---UCAGAUGCUAGAUCGCUCGUUUUGCAUGCGAGAGGCAC---GGGG 53
chr-8.trna103-Ala-TGC    GU-GGAUGUAGC---UCAGAUGGUAGAGCGCUUGCUUUGCAUGCGAGAGGUAU---GGUG 53
chr-8.trna80-Ala-TGC     GG-GAAUAUAGC---UCAGAUGGUAUAGCGCUCGCUUUGCAUGCGAGAGGUAU---GGGG 53
chr-8.trna72-Ala-TGC     GG-GAAUGUAGC---UCAGAUGGUAUAGCGCUUGCUUUGCAUGCGAGAGGUAU---GGGG 53
chr-8.trna76-Ala-TGC     GG-GAAUGUAGC---UUAGAUGGUAUAGCGCUCGCUUUGCAUGCGAGAGGUAU---GGGG 53
chr-8.trna84-Ala-TGC     GG-GAAUGUAGC---UCAGAUGGUAUAGCGCUCGCUUUGCAUGCGAGAGGUAU---GGGG 53
chr-1.trna48-Ala-TGC     GG-GGGUGUAAC---UUAUAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGCAU---GGGG 53
chr-8.trna77-Ala-AGC     GG-GGAUGUAGCUAUUCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAC---GGGG 56
chr-8.trna101-Ala-AGC    GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGCGAGAGGUAUGGGGGGG 56
chr-8.trna83-Ala-AGC     GG-GGAUGUAGC---UCAAAUGGUAGAGCGUUAGCUUAGCAUGUGAGUGGUAC---CAGG 53
chr-11.trna60-Ala-AGC    GG-GGAUGUAGC---UCAGAUGGUAGAGCGUUCACUUAGCAUGCGAGUGGUAC---CGAG 53
chr-8.trna113-Ala-AGC    GG-GGAUGUAGC---UUAGAUGGUAGAGCGCUCGCUUAGCAUACGAGAGGUAU---UGGA 53
chr-6.trna74-Ala-AGC     GG-GGAUGUAGC---UCAGAUGGUAGAGCGCUCGCUUAGCAUGUGAGAGGUAC---GGGG 53
chr-8.trna111-Ala-AGC    GG-GGAUGUAGC---UCAGAUGGUAGAGUUCUCGCUUAGCAUGUGAGAGGUAU---UGGG 53
chr-8.trna112-Ala-AGC    GG-GGAUGUAGC---UCAGAUGGUAGAGCACUCGCUUAGCAUGCAAGAGGUAC---CGGG 53
chr-8.trna102-Ala-TGC    GA-GGAUGUAGA---UCAGAUGGUAGAGCGCUCGCUUUGCAUGCGAGUGGCAC---GGGG 53
chr-1.trna40-Ala-CGC     GGCGGGUGUAGC---UCAUGUGGUAGAGCGCUUGCUUCGCAUGCGAGAGGCAC---GGGG 54
chr-11.trna56-Ala-CGC    UGGGGGUGUAGC---UCAUAUGGUAGAGCGCUCGCUUCGCAUGCGAGAGGCAC---GGGG 54
chr-9.trna31-Ala-TGC     GG---AAAUAGC---UCAAAUGGUAGAGCGCUCGCUUUGCAUGCGAGAGGUAC---AGGG 51
                         .........10........20........30........40........50.........
                                ..........)))))))))))).
chr-8.trna108-Ala-TGC    AUUGAUACCCCGCAUCUCCA 73
chr-8.trna96-Ala-TGC     AUUGAUACCCCGCAUCUCCA 73
chr-1.trna24-Ala-AGC     AUCGAUACCCUGCAUCUCCA 73
chr-9.trna43-Ala-AGC     AUCGAUACCCUGCAUCUCCA 73
chr-8.trna69-Ala-AGC     AUCGAUACCCUGCAUCUCCA 73
chr-8.trna73-Ala-AGC     AUCGAUACCCUGCAUCUCCA 73
chr-1.trna25-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-2.trna17-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-2.trna19-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-3.trna1-Ala-AGC      AUCGAUACCCCGCAUCUCCA 73
chr-4.trna92-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-6.trna71-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-6.trna75-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-7.trna7-Ala-AGC      AUCGAUACCCCGCAUCUCCA 73
chr-8.trna2-Ala-AGC      AUCGAUACCCCGCAUCUCCA 73
chr-8.trna30-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-8.trna31-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-8.trna32-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-8.trna52-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-8.trna81-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-11.trna22-Ala-AGC    AUCGAUACCCCGCAUCUCCA 73
chr-8.trna95-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-11.trna21-Ala-AGC    AUCGAUACCCCGCAUCUCCA 73
chr-3.trna13-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-8.trna91-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-8.trna97-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-3.trna16-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-8.trna104-Ala-AGC    AUCGAUACCCCGCAUCUCCA 73
chr-8.trna109-Ala-AGC    AUCGAUACCUCGCAUCUCCA 73
chr-9.trna40-Ala-AGC     AUCGAUGCCCCGCAUCUCCA 73
chr-6.trna14-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-9.trna19-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-3.trna36-Ala-AGC     AUCGAUACCCCGCAUCUCCA 73
chr-3.trna15-Ala-TGC     AUCGAUACCCCGCAUCUCCA 73
chr-8.trna92-Ala-TGC     AUCGAUACCUCGCAUCUCCA 73
chr-8.trna82-Ala-TGC     AUCGAUACCUCGCAUCUCCA 73
chr-8.trna74-Ala-TGC     AUCGAUACCUCGCAUCUCCA 73
chr-8.trna70-Ala-TGC     AUCGAUACCUUGCAUCUCCA 73
chr-3.trna14-Ala-AGC     AUUGAUACCCCGCAUCUACA 73
chr-8.trna107-Ala-AGC    AUCGAUACCCCGCAUCUCCA 73
chr-8.trna85-Ala-AGC     AUCGAUACGCUGCAUCUCCA 73
chr-8.trna88-Ala-AGC     AUCGAUACGCUGCAUCUCCA 73
chr-4.trna15-Ala-AGC     AUCGAUA-CCCGCAUCUCCA 72
chr-8.trna94-Ala-TGC     AUCGAUACCCCACAUCUCCA 73
chr-8.trna68-Ala-TGC     AUCGAUACCCCACAUCUCCA 73
chr-8.trna90-Ala-TGC     AUCGAUACCCCACAUCUCCA 73
chr-8.trna100-Ala-TGC    AUCGAUACCCCACAUCUCCG 73
chr-8.trna67-Ala-TGC     AUUGAUACCUCGCAUCUCCA 73
chr-1.trna41-Ala-CGC     UUCGAUUCCCUGCACCUCCA 73
chr-1.trna98-Ala-CGC     UUCGAUUCCCCGCACCUCCA 73
chr-4.trna74-Ala-CGC     UUCGAUUCCCCGCACCUCCA 73
chr-6.trna24-Ala-CGC     UUCGAUUCCCCGCACCUCCA 73
chr-11.trna53-Ala-CGC    UUCGAUUCCCCGCACCUCCA 73
chr-6.trna95-Ala-CGC     UUCGAUUCCCCGCACCUCCA 73
chr-6.trna96-Ala-CGC     UUCGAUUCCCCGCACCUCCA 73
chr-6.trna97-Ala-CGC     UUCGAUUCCCCGCACCUCCA 73
chr-8.trna23-Ala-CGC     UUCGAUUCCCCGCACCUCCA 73
chr-8.trna60-Ala-CGC     UUCGAUUCCCCGCACCUCCA 73
chr-11.trna57-Ala-CGC    UUCGAUUCCCCGCACCUCCA 73
chr-10.trna19-Ala-TGC    UUCGAUUCCCCGCACCUCCA 73
chr-10.trna15-Ala-TGC    UUCGAUUCCCCGCGUCUCCA 73
chr-1.trna42-Ala-TGC     UUUGAUUCCCUGCACCUCCA 73
chr-1.trna43-Ala-TGC     UUCGAUUCCCUGCACCUCCA 73
chr-1.trna44-Ala-TGC     UUCGAUUCCCUGCACCUCCA 73
chr-7.trna58-Ala-TGC     UUCGAUACCCCGCAUCUCCA 73
chr-1.trna16-Ala-TGC     UUCGAUACCCCGCAUCUCCA 73
chr-7.trna57-Ala-TGC     UUCGAUACCCCGCAUCUCCA 73
chr-9.trna18-Ala-TGC     UUCGAUACCCCGCAUCUCCA 73
chr-10.trna6-Ala-TGC     UUCGAUACCCCGCAUCUCCA 73
chr-10.trna49-Ala-TGC    UUCGAUACCCCGCAUCUCCA 73
chr-9.trna17-Ala-TGC     UUCGAUACCCCGCAUCUCCA 73
chr-1.trna3-Ala-TGC      UUCGAUCCCCUGCAUCUCCA 73
chr-3.trna24-Ala-TGC     UUCGAUCCCCUGCAUCUCCA 73
chr-6.trna100-Ala-TGC    UUCGAUACCCCGCAUCUCCA 73
chr-8.trna78-Ala-TGC     AUCGAUACCUCGCAUCUCCA 73
chr-8.trna89-Ala-TGC     AUCGAUACCUCGCAUCUCCA 73
chr-8.trna86-Ala-TGC     AUCGAUACCUCGCAUCUCCA 73
chr-8.trna98-Ala-TGC     AUCGAUACCUCGCACCUCCA 73
chr-8.trna103-Ala-TGC    AUCGAUACCCCACAUCUCCA 73
chr-8.trna80-Ala-TGC     AUCGAUACCCCGCAUCUCCA 73
chr-8.trna72-Ala-TGC     AUCGAUACCCCGCAUCUCCA 73
chr-8.trna76-Ala-TGC     AUCGAUACCCCGCAUCUCCA 73
chr-8.trna84-Ala-TGC     AUCGAUACCCCGCAUCUCCA 73
chr-1.trna48-Ala-TGC     UUCGAUUCUCCACACCUCCA 73
chr-8.trna77-Ala-AGC     AUCGAUACCCCGCAUCUCCA 76
chr-8.trna101-Ala-AGC    AUCGAUACCCCGCAUCUCCA 76
chr-8.trna83-Ala-AGC     AUCGAUACCUUGCAUCUCCA 73
chr-11.trna60-Ala-AGC    AUCGAUACCUUGCAUCUCCA 73
chr-8.trna113-Ala-AGC    AUCGAUACCCUACAUCUUCA 73
chr-6.trna74-Ala-AGC     AUCGAUACCUUGCAUCUCCA 73
chr-8.trna111-Ala-AGC    AUUGAUACCAUGCAUUUCCA 73
chr-8.trna112-Ala-AGC    AUUGAUACCCUGCAUCUCCA 73
chr-8.trna102-Ala-TGC    AUCGAUACCUCGCAUCUCCA 73
chr-1.trna40-Ala-CGC     UUCGAUUCCCUGCACCUCCA 74
chr-11.trna56-Ala-CGC    UUCGAUUCCCCGCACCGCAA 74
chr-9.trna31-Ala-TGC     UUCGAUCCCCUGCAUCUCCA 71
                         .........70.........
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