```
                                ((.((.((..((((........)))).(((((.......)))))).....(((((.....
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chr-A06.trna41-Phe-GAA      GU-CGGGAUAGCUCAGCUGGUAGAGCAGAGGACUGAAAAUCCUCGUGUCACCAGU-UCAA 58
chr-B06.trna5-Phe-GAA       GU-CGGGAUAGCUCAGCUGGUAGAGCAGAGGACUGAAAAUCCUCGUGUCACCAGU-UCAA 58
chr-B07.trna95-Phe-GAA      GU-CGGGAUAGCUCAGCUGGUAGAGCAGAGGACUGAAAAUCCUCGUGUCACCAGU-UCAA 58
chr-B10.trna67-Phe-GAA      GU-CGGGAUAGCUCAGCUGGUAGAGCAGAGGACUGAAAAUCCUCGUGUCACCAGU-UCAA 58
chr-B10.trna65-Phe-GAA      GU-CGGGAUAGCUCAGCUGGUAGAGCAGAGGACUGAAAAUCCUCGUGUCACCAGU-UCAA 58
chr-B07.trna116-Phe-GAA     GU-UAGGAUAGCUCAGCUGGUAGAGCAGAGGACUGAAAAUUCUCGUGUCACCAGU-UCAA 58
chr-B02.trna30-Phe-GAA      GU-CGGGAUAGCUCAGCUGGUAGAGCAGAGGACUGAAAAUCCUCAUGUCACCAGU-UCAA 58
chr-B01.trna10-Phe-GAA      GU-CGGGAUAGCUCAGCUGGUAGAGCAGAGGACUGAAAAUCCGCGUGUCACCAGU-UCAA 58
chr-A01.trna20-Phe-GAA      AC-GGGUAUAGCUCAGCUGGUAGAGCAGAGGACUGAAAAUCCUCGUGUCACCAGU-UCAA 58
chr-A03.trna4-Phe-AAA       GGUCGGGAUAGCUUAGCGGGUAGAGCAGAAGACUAAAAAUCCUUGCAUCACCAAU-UCAA 59
chr-A01.trna54-Phe-GAA      GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGUGUGU-UCGA 58
chr-B04.trna7-Phe-GAA       GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGUGUGU-UCGA 58
chr-A01.trna53-Phe-GAA      GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 58
chr-A01.trna105-Phe-GAA     GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 58
chr-A03.trna87-Phe-GAA      GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 58
chr-A04.trna37-Phe-GAA      GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 58
chr-B06.trna154-Phe-GAA     GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 58
chr-B06.trna77-Phe-GAA      GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 58
chr-B10.trna93-Phe-GAA      GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 58
chr-A05.trna60-Phe-GAA      GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 58
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chr-A10.trna31-Phe-GAA      GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 58
chr-B01.trna7-Phe-GAA       GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 58
chr-B04.trna73-Phe-GAA      GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 58
chr-B08.trna118-Phe-GAA     GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 58
chr-B07.trna52-Phe-GAA      GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 58
chr-B02.trna105-Phe-GAA     GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 58
chr-B06.trna155-Phe-GAA     GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 58
chr-B02.trna109-Phe-GAA     GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGGUCUGAAGGUCGCGUGU-UCGA 58
chr-A01.trna55-Phe-GAA      GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 58
chr-B01.trna77-Phe-GAA      GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUUGCGUGU-UCGA 58
chr-A08.trna46-Phe-GAA      GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGCCGCGUGU-UCAA 58
chr-B03.trna31-Phe-GAA      GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUUUGAAAGUCGCGUGU-UCGA 58
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chr-A01.trna43-Phe-GAA      GC-GGUGAUAGCUUAGUUGGGAGAGCGUCAGAUUGAAGAUCUGAAGGUUGCAUGU-UCAA 58
chr-A06.trna27-Phe-GAA      GC-GGUGAUAGCUUAGUUGGGAGAGCGUCAGAUUGAAGAUCUGAAGGUUGCAUGU-UCAA 58
chr-B03.trna41-Phe-GAA      GC-GGUGAUAGCUUAGUUGGGAGAGCGUCAGAUUGAAGAUCUGAAGGUUGCAUGU-UCAA 58
chr-B04.trna162-Phe-GAA     GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 58
chr-A01.trna51-Phe-GAA      GC-AGGGAUAGCUCAGUUGGGAGAACGUCAGACUGAAGAUCUGAAGUUCGCGUGU-UCGA 58
chr-A08.trna45-Phe-GAA      GC-GGGGAUAGUUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-U-GA 57
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chr-B07.trna51-Phe-GAA      GC-GGGGAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 58
chr-A06.trna36-Phe-GAA      G-----GAUAGCUCAGUUGGGAGAGCGUCAGACUGAAGAUCUGAAGGUCGCGUGU-UCGA 54
chr-A10.trna20-Phe-GAA      GGUCGGGAUAGCUCAGCUGGUAGAGCAGAGGACUGAAAAUCCUCGAAAUGAAAGG---GU 57
chr-A02.trna37-Phe-GAA      GU-CAGAAUAGCUCAGCCGGUAGAGCAGAAGACUGAAAAUCCUCGUGUCACCAGUGUCAA 59
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chr-B05.trna97-Phe-GAA      ---GUCUAUAGCUCAG-UGGUAGAACAUUUGACUGAAAAUCAAGAGAUCCCUGA----GA 52
                            .........10........20........30........40........50.........
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chr-A06.trna41-Phe-GAA      A--UCUGGU--------UCCUGGC-A 73
chr-B06.trna5-Phe-GAA       A--UCUGGU--------UCCUGGC-A 73
chr-B07.trna95-Phe-GAA      A--UCUGGU--------UCCUGGC-A 73
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chr-B02.trna30-Phe-GAA      A--UCUGGU--------UCCUGGC-A 73
chr-B01.trna10-Phe-GAA      A--UCUGGU--------UCCUGGC-A 73
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chr-B04.trna7-Phe-GAA       U--CCACGC--------UCACCGC-A 73
chr-A01.trna53-Phe-GAA      U--CCACGC--------UCACCGC-A 73
chr-A01.trna105-Phe-GAA     U--CCACGC--------UCACCGC-A 73
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chr-A05.trna60-Phe-GAA      U--CCACGC--------UCACCGC-A 73
chr-A06.trna1-Phe-GAA       U--CCACGC--------UCACCGC-A 73
chr-B09.trna9-Phe-GAA       U--CCACGC--------UCACCGC-A 73
chr-A10.trna31-Phe-GAA      U--CCACGC--------UCACCGC-A 73
chr-B01.trna7-Phe-GAA       U--CCACGC--------UCACCGC-A 73
chr-B04.trna73-Phe-GAA      U--CCACGC--------UCACCGC-A 73
chr-B08.trna118-Phe-GAA     U--CCACGC--------UCACCGC-A 73
chr-B07.trna52-Phe-GAA      U--CCACGC--------UCACCGC-A 73
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chr-B06.trna155-Phe-GAA     U--CCACGC--------UCACUGC-A 73
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chr-B04.trna162-Phe-GAA     U--CAACGC--------UCACCGC-A 73
chr-A01.trna51-Phe-GAA      U--CCACGC--------UCACCGC-A 73
chr-A08.trna45-Phe-GAA      U--CCACGC--------UCACCGC-A 72
chr-B08.trna119-Phe-GAA     U--CCACAC--------UCACUGC-A 73
chr-B07.trna51-Phe-GAA      U--CCACACAAAUAU-UUUUCUGUCA 81
chr-A06.trna36-Phe-GAA      U--CCACGC-------UUUAUAAC-A 70
chr-A10.trna20-Phe-GAA      U--GGAUUC-------GCUUUGACCG 74
chr-A02.trna37-Phe-GAA      AAGUCUGGUUCCUUA-------AC-A 77
chr-B01.trna71-Phe-GAA      A--UCUGGUUAUAUAAAUAAUGAC-U 81
chr-B07.trna37-Phe-GAA      A--UCUG----------UAUAUGC-U 67
chr-B08.trna126-Phe-GAA     UACCUCAGG---------GGAUAC-A 68
chr-B04.trna146-Phe-GAA     UACCUCAGG---------GGAUAC-A 68
chr-B05.trna51-Phe-GAA      UACCUCAGG---------GGAUAC-A 68
chr-B05.trna50-Phe-GAA      UACCUCAGG---------GGAUAC-A 68
chr-B05.trna97-Phe-GAA      UGCCUCAGG---------GGAUAC-A 68
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