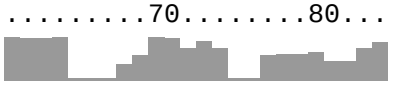```
                                 ((((((.......((((.........)))).(((((.......)))))).....(((((.
chr-LG13.trna13-Arg-ACG    GACUCUG-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGAAACCAGAGAUUCUGGGU 54
chr-LG23.trna8-Arg-ACG     GACUCUG-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGU 54
chr-LG1.trna8-Arg-ACG      GACUCCG-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGU 54
chr-LG17.trna2-Arg-ACG     GACUCCG-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGU 54
chr-LG9.trna8-Arg-ACG      GACUCCG-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGU 54
chr-LG29.trna24-Arg-ACG    GACUCCG-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAUUCUGGGU 54
chr-LG18.trna14-Arg-ACG    GACUCCG-----UGGCCCAAUGGA-UAAGGCGCUGGUCUACGGAACCAGAGAAUCUGGGU 54
chr-LG22.trna11-Arg-CCG    GUUCGCG-----UGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGGU 54
chr-LG18.trna16-Arg-CCG    GUUCGCG-----UGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGAUUGUGGGU 54
chr-LG20.trna12-Arg-CCG    GAUCGCG-----UGGCCUAAUGGA-UAAGGCGCUCGCCUCCGGAGCGGGAGACUGUGGGU 54
chr-LG26.trna9-Arg-TCT     GCGCCCG-----UGGCCUAAUGGA-CAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGU 54
chr-LG2.trna10-Arg-TCT     GCGCCCA-----UGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGU 54
chr-LG28.trna7-Arg-TCT     GCGCCCG-----UGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGU 54
chr-LG7.trna4-Arg-TCT      GCGCCCA-----UGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGU 54
chr-LG10.trna6-Arg-TCT     GCGCCCA-----UGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGU 54
chr-LG22.trna13-Arg-TCT    GCGCCCA-----UGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGU 54
chr-LG22.trna16-Arg-TCT    GCGCCCA-----UGGCCUAAUGGA-UAAGGCGUCUGACUUCUAAUCAGGCGAUUGUGGGU 54
chr-LG6.trna10-Arg-TCG     GACCGCA-----UAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGGU 55
chr-LG7.trna18-Arg-TCG     GACCGCA-----UAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGGU 55
chr-LG10.trna29-Arg-TCG    GACCGCA-----UAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGGU 55
chr-LG19.trna6-Arg-TCG     GACCGCA-----UAGCGCAGUGGAUUAGCGCGUCUGACUUCGGAUCAGAAGGUCGUGGGU 55
chr-LG28.trna8-Arg-TCG     GACCGCA-----UAGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAGGUCGUGGGU 55
chr-LG23.trna27-Arg-TCG    GACCGCA-----UAGCGCAGUGGAUUAGCGCGUUUGACUUCGGAUCAAAAUGUCGUGGGU 55
chr-LG2.trna25-Arg-CCG     GAUCGCA-----UAGCGGAGUGGA-UAUCGCGUUAGACUCCGAAUCUAAAGGUCGUGGGU 54
chr-LG3.trna39-Arg-CCG     GAUCGCA-----UAGCGGAGUGGA-UAUCGCGUUAGACUCCGAAUCUAAAGGUCGUGGGU 54
chr-LG8.trna1-Arg-CCT      GCGUCUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCGUAGGU 54
chr-LG12.trna7-Arg-CCT     GCGUCUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCGUAGGU 54
chr-LG20.trna9-Arg-CCT     GCGUCUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAGGUCGUAGGU 54
chr-LG3.trna5-Arg-CCT      GCGCCUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGGU 54
chr-LG3.trna14-Arg-CCT     GCGCCUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGGU 54
chr-LG6.trna25-Arg-CCT     GCGCCUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGGU 54
chr-LG24.trna15-Arg-CCT    GCGCCUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGGU 54
chr-LG14.trna31-Arg-CCT    GCGCCUG-----UAGCUCAGUGGA-UAGAGCGUCUGUUUCCUAAGCAGAAAGUCGUAGGU 54
chr-LG21.trna11-Arg-CCG    AAGUGUU-----UGGUCUAGUGG--UAAGAUUCUCACUUCCGAUGUGAGAGGUUGCGAGU 53
chr-LG18.trna19-Arg-ACG    GGGCGAGGCCUAUAGCUCAGAGGAUUAGAGCAUGUGGCUACGAACCAUAGUUUCGGGGG- 59
chr-LG18.trna9-Arg-TCT     GGGUGGC---------CUGGUGGUCU-AGGCGUGGGACUUCUACUUCCAAGGUCUUAGGU 50
chr-LG4.trna10-Arg-GCG     AGGCAC----------UAGUGG--UAGAAUGGUACCCUGCGACGGUACAGA-CCCGGGU 46
                           .........10........20........30........40........50.........

                           .........)))))..)))))))).
chr-LG13.trna13-Arg-ACG    UCGA---UCCCCAG--CAGAGUCG 73
chr-LG23.trna8-Arg-ACG     UCGA---UCCCCAG--CAGAGUCG 73
chr-LG1.trna8-Arg-ACG      UCGA---UCCCCAG--CGGAGUCG 73
chr-LG17.trna2-Arg-ACG     UCGA---UCCCCAG--CGGAGUCG 73
chr-LG9.trna8-Arg-ACG      UCGA---UCCCCAG--CGGAGUCG 73
chr-LG29.trna24-Arg-ACG    UCGA---UCCCCAG--CGGAGUCG 73
chr-LG18.trna14-Arg-ACG    UCGA---UCCCCAG--CGGAGUCG 73
chr-LG22.trna11-Arg-CCG    UCGA---GUCCCAC--CGUGAACG 73
chr-LG18.trna16-Arg-CCG    UCGA---GUCCCAC--CGUGAACG 73
chr-LG20.trna12-Arg-CCG    UCGA---GUCCCAC--CGUGAUCG 73
chr-LG26.trna9-Arg-TCT     UCGA---GUCCCAC--CGGGCGUG 73
chr-LG2.trna10-Arg-TCT     UCGA---GUCCCAC--UGGGCGUG 73
chr-LG28.trna7-Arg-TCT     UCGA---GUCCCAC--CGGGCGUG 73
chr-LG7.trna4-Arg-TCT      UCGA---GUCCCAC--UGGGCGUG 73
chr-LG10.trna6-Arg-TCT     UCGA---GUCCCAC--UGGGCGUG 73
chr-LG22.trna13-Arg-TCT    UCGA---GUCCCAC--UGGGCGUG 73
chr-LG22.trna16-Arg-TCT    UCGA---GUCCCAC--UGGGCGUG 73
chr-LG6.trna10-Arg-TCG     UCGA---CUCCCAC--UGUGGUCG 74
chr-LG7.trna18-Arg-TCG     UCGA---CUCCCAC--UGUGGUCG 74
chr-LG10.trna29-Arg-TCG    UCGA---CUCCCAC--UGUGGUCG 74
chr-LG19.trna6-Arg-TCG     UCGA---CUCCCAC--UGUGGUCG 74
chr-LG28.trna8-Arg-TCG     UCGA---CUCCCAC--UGUGGUCG 74
chr-LG23.trna27-Arg-TCG    UCGA---CUCCCAC--UGUGGUCG 74
chr-LG2.trna25-Arg-CCG     UCGA---AUCCCAC--UGCGAUCG 73
chr-LG3.trna39-Arg-CCG     UCUA---AUCCCAC--UGCGAUCG 73
chr-LG8.trna1-Arg-CCT      UCGA---CCCCUAC--CUGACGCG 73
chr-LG12.trna7-Arg-CCT     UCGA---CCCCUAC--CUGACGCG 73
chr-LG20.trna9-Arg-CCT     UCGA---CCCCUAC--CUGACGCG 73
chr-LG3.trna5-Arg-CCT      UCGA---CCCCUAC--CUGGCGCG 73
chr-LG3.trna14-Arg-CCT     UCGA---CCCCUAC--CUGGCGCG 73
chr-LG6.trna25-Arg-CCT     UCGA---CCCCUAC--CUGGCGCG 73
chr-LG24.trna15-Arg-CCT    UCGA---CCCCUAC--CUGGCGCG 73
chr-LG14.trna31-Arg-CCT    UCGA---CCCCUAC--CUGGCGCG 73
chr-LG21.trna11-Arg-CCG    UUGA---UUCUCGC--AACACUCC 72
chr-LG18.trna19-Arg-ACG    UCGA---AUCCCUC--CUCGCCCA 78
chr-LG18.trna9-Arg-TCT     UCGAAAAUCUCCUAGGUGCUAUC-A 73
chr-LG4.trna10-Arg-GCG     UCGA---UUCCCGG--CUGGAAUA 65
                           .........70........80...
```