```
                                                  ((.(((((..(((.((.....)).)))((((((.......))))))((.........)
chr-5.trna2-Leu-CAA       UC-CAUUGUCGUCUA---GUCCGGUUAGCCU-GGCUUUCACCC-AGGUG------ACCCG 48
chr-6.trna70-Leu-CAA      GG-GGAUGUAGCUCAAUUGGUAGAGCACUAA-GAUAAGCUUCUGAGAGG------UCCGU 52
chr-12.trna47-Leu-CAG     GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCC-AGU-----UUCAGGUGC------U--AG 45
chr-7.trna30-Leu-TAG      GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC------AAAAG 52
chr-1.trna29-Leu-AAG      GA-CGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-2.trna27-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-2.trna72-Leu-AAG      GA-CGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-3.trna17-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-3.trna65-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-14.trna16-Leu-AAG     GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-4.trna44-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-12.trna9-Leu-AAG      GA-CGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-4.trna51-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-14.trna27-Leu-AAG     GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-14.trna29-Leu-AAG     GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-15.trna49-Leu-AAG     GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-11.trna3-Leu-AAG      GA-CGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-7.trna5-Leu-AAG       GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-10.trna27-Leu-AAG     GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-7.trna32-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-7.trna46-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-7.trna56-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-8.trna30-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-9.trna12-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-8.trna51-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-8.trna47-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-11.trna31-Leu-AAG     GA-CGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-16.trna14-Leu-AAG     GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUAC------GAAAG 53
chr-1.trna20-Leu-CAG      GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC------GAAAG 53
chr-2.trna64-Leu-CAG      GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC------GAAAG 53
chr-3.trna42-Leu-CAG      GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC------GAAAG 53
chr-3.trna66-Leu-CAG      GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC------GAAAG 53
chr-9.trna15-Leu-CAG      GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC------GAAAG 53
chr-11.trna58-Leu-CAG     GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC------GAAAG 53
chr-4.trna52-Leu-CAG      GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC------GAAAG 53
chr-4.trna63-Leu-CAG      GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC------GAAAG 53
chr-5.trna51-Leu-CAG      GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC------GAAAG 53
chr-5.trna89-Leu-CAG      GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC------GAAAG 53
chr-6.trna16-Leu-CAG      GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC------GAAAG 53
chr-10.trna18-Leu-CAG     GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC------GAAAG 53
chr-7.trna2-Leu-CAG       GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC------GAAAG 53
chr-8.trna5-Leu-CAG       GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC------GAAAG 53
chr-7.trna29-Leu-CAG      GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCC------GAAAG 53
chr-6.trna29-Leu-CAG      GU-CAAGAUGGCCGAGUUGCUCUAAGGCGCCAGUUUCAGGUACUGGUCC------GAAAG 53
chr-12.trna52-Leu-AAG     GA-CGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCC------GAAAG 53
chr-13.trna39-Leu-TAG     GA-CGGUUUGGCCGAG-UGAUCUAAGGCGCCAGAUUUAGGCUCUGGUCC------GAAAG 52
chr-15.trna48-Leu-TAG     GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC------GAAAG 52
chr-16.trna52-Leu-TAG     GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC------GAAAG 52
chr-7.trna52-Leu-TAG      GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC------GAAAG 52
chr-12.trna16-Leu-TAG     GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC------GAAAG 52
chr-11.trna62-Leu-TAG     GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC------GAAAG 52
chr-6.trna13-Leu-TAG      GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC------GAAAG 52
chr-7.trna40-Leu-TAG      GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC------GAAAG 52
chr-14.trna42-Leu-TAG     GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC------GAAAG 52
chr-5.trna55-Leu-TAG      GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC------GAGAG 52
chr-5.trna13-Leu-TAG      GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCC------GAAAG 52
chr-7.trna11-Leu-AAG      GU-UGAGAUGGCCGAGUUG-------GCGCCAGAUUAAGGUUCUGGUCC------GAAAG 46
chr-18.trna34-Leu-TAA     GC-UGGUUUGCCCGAG-UGGU-UAAGGGGGAAGACUUAAGAUCUUCUGC-ACAAUAAGUG 56
chr-16.trna46-Leu-TAA     GC-UGGUUUGCCCGAG-UGGU-UAAGGGGGAAGACUUAAGAUCUUCUGC-AC-UCAAGUG 55
chr-5.trna22-Leu-TAA      GC-UGGUUUGCCCGAG-UGGU-UAAGGGGGAAGACUUAAGAUCUUCUGC-AC-UCAAGUG 55
chr-6.trna56-Leu-TAA      GC-UGGUUUGCCCGAG-UGGU-CAAGGGGGAAGACUUAAGAUCUUCUGC-AA-UCAAGUG 55
chr-7.trna41-Leu-TAA      GC-UGGUUUGCCCGAG-UGGUCUAAGGGGGAAGACUUAAGAUCUUCUGC-ACGC-GAGUG 56
chr-14.trna43-Leu-TAA     GC-UGGUUUGCCCGAG-UGGUCUAAGGGGGAAGGCUUAAGAUCUUCUGC-ACGCUGAGUG 57
chr-1.trna4-Leu-CAA       GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCC-UC-UAACGAG 56
chr-1.trna59-Leu-CAA      GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCC-UC-UAACGAG 56
chr-1.trna76-Leu-CAA      GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCC-UC-UAACGAG 56
chr-18.trna18-Leu-CAA     GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCC-UC-UAACGAG 56
chr-17.trna42-Leu-CAA     GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCC-UC-UAACGAG 56
chr-2.trna81-Leu-CAA      GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCC-UC-UAACGAG 56
chr-3.trna28-Leu-CAA      GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCC-UC-UAACGAG 56
chr-4.trna12-Leu-CAA      GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCC-UC-UAACGAG 56
chr-6.trna67-Leu-CAA      GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCC-UC-UAACGAG 56
chr-9.trna13-Leu-CAA      GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCC-UC-UAACGAG 56
chr-12.trna39-Leu-CAA     GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCC-UC-UAACGAG 56
chr-11.trna35-Leu-CAA     GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCC-UC-UUACGAG 56
chr-10.trna28-Leu-CAA     GU-UAGGAGGGCCCAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCC-UC-AGUUGAG 56
chr-17.trna24-Leu-TAA     UC-UGGUUUGCCCGAG-UGGU-UAAGGGGGAAGACUUAAGAUCUUCUGC-ACAUAA-GUG 55
chr-2.trna48-Leu-CAA      GU-UAGGAUGGCCGAG-UGGUCUAAGGCGCCUGACUCA-----AGUUCC-UC-UAACGAG 51
chr-3.trna3-Leu-AAG       GAUGGAGAUGGCCGAGCGG-UCUAAGGCGCCAGAUUAAGGCUCUGGUCCGAAAGGCGUGG 59
chr-4.trna33-Leu-TAG      GC-UGCCAUGGUGAAAUUGGU-AGACACCCUGCUCGUAGAAAGCAGUGC------UCAUG 52
chr-9.trna18-Leu-TAG      GC-CGUCAUGAUGAAAUUGGU-AGACACGCUGCUCUUAGGAAGCAGUGC------UCAAG 52
chr-2.trna50-Leu-CAA      GU-CAGGAUGGCCGAG-UGGUCUAAGGUGCCAGACUCAAGUUCUGGUCC--UCUAACGAG 56
chr-5.trna90-Leu-CAA      GC-CCUUUUAACU------------CAGUGGUAGAGAAAUAAUGCCAUGGUGAGGUGUAA 47
chr-2.trna82-Leu-TAA      AC-AAUUAUGGUAUAGUAG--UAAGUACGUUUUUUUU------AAACUC------UAAUG 45
                                                  .........10.........20.........30.........40.........50.........
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                                                  ).(((((.............)))))))))).)).
chr-5.trna2-Leu-CAA       GGU----------UCAAAUCCAGGCGAUG-GAA 70
chr-6.trna70-Leu-CAA      GGU----------UCAAUUCCUUGCAUCU-CCA 74
chr-12.trna47-Leu-CAG     --U----------CCGAAUCCCAUUCUUG-ACA 65
chr-7.trna30-Leu-TAG      GGUGUUGG-U---UCAAAUCUCACAGCUG-UCA 80
chr-1.trna29-Leu-AAG      GGCGUGGG-U---UCAAAUCCCACUCUCG-UCA 81
chr-2.trna27-Leu-AAG      GGCGUGGG-U---UCAAAUCCCACUCUCA-ACA 81
chr-2.trna72-Leu-AAG      GGCGUGGG-U---UCAAAUCCCACUCUCG-UCA 81
chr-3.trna17-Leu-AAG      GGCGUGGG-U---UCAAAUCCCACUCUCA-ACA 81
chr-3.trna65-Leu-AAG      GGCGUGGG-U---UCAAAUCCCACUCUCA-ACA 81
chr-14.trna16-Leu-AAG     GGCGUGGG-U---UCAAAUCCCACUCUCA-ACA 81
chr-4.trna44-Leu-AAG      GGCGUGGG-U---UCAAAUCCCACUCUCA-ACA 81
chr-12.trna9-Leu-AAG      GGCGUGGG-U---UCAAAUCCCACUCUCG-UCA 81
chr-4.trna51-Leu-AAG      GGCGUGGG-U---UCAAAUCCCACUCUCA-ACA 81
chr-14.trna27-Leu-AAG     GGCGUGGG-U---UCAAAUCCCACUCUCA-ACA 81
chr-14.trna29-Leu-AAG     GGCGUGGG-U---UCAAAUCCCACUCUCA-ACA 81
chr-15.trna49-Leu-AAG     GGCGUGGG-U---UCAAAUCCCACUCUCA-ACA 81
chr-11.trna3-Leu-AAG      GGCGUGGG-U---UCAAAUCCCACUCUCG-UCA 81
chr-7.trna5-Leu-AAG       GGCGUGGG-U---UCAAAUCCCACUCUCA-ACA 81
chr-10.trna27-Leu-AAG     GGCGUGGG-U---UCAAAUCCCACUCUCA-ACA 81
chr-7.trna32-Leu-AAG      GGCGUGGG-U---UCAAAUCCCACUCUCA-ACA 81
chr-7.trna46-Leu-AAG      GGCGUGGG-U---UCAAAUCCCACUCUCA-ACA 81
chr-7.trna56-Leu-AAG      GGCGUGGG-U---UCAAAUCCCACUCUCA-ACA 81
chr-8.trna30-Leu-AAG      GGCGUGGG-U---UCAAAUCCCACUCUCA-ACA 81
chr-9.trna12-Leu-AAG      GGCGUGGG-U---UCAAAUCCCACUCUCA-ACA 81
chr-8.trna51-Leu-AAG      GGCGUGGG-U---UCAAAUCCCACUCUCA-ACA 81
chr-8.trna47-Leu-AAG      GGCGUGGG-U---UCAAAUCCCACUCUCA-ACA 81
chr-11.trna31-Leu-AAG     GGCGUGGG-U---UCAAAUCUCACUCUCG-UCA 81
chr-16.trna14-Leu-AAG     GGCGUGGG-U---UCAAAUCCCACUCUCA-AUA 81
chr-1.trna20-Leu-CAG      GGCAUGGG-U---UCGAAUCCCAUUCUUG-ACA 81
chr-2.trna64-Leu-CAG      GGCAUGGG-U---UCGAAUCCCAUUCUUG-ACA 81
chr-3.trna42-Leu-CAG      GGCAUGGG-U---UCGAAUCCCAUUCUUG-ACA 81
chr-3.trna66-Leu-CAG      GGCAUGGG-U---UCGAAUCCCAUUCUUG-ACA 81
chr-9.trna15-Leu-CAG      GGCAUGGG-U---UCGAAUCCCAUUCUUG-ACA 81
chr-11.trna58-Leu-CAG     GGCAUGGG-U---UCGAAUCCCAUUCUUG-ACA 81
chr-4.trna52-Leu-CAG      GGCAUGGG-U---UCGAAUCCCAUUCUUG-ACA 81
chr-4.trna63-Leu-CAG      GGCAUGGG-U---UCGAAUCCCAUUCUUG-ACA 81
chr-5.trna51-Leu-CAG      GGCAUGGG-U---UCGAAUCCCAUUCUUG-ACA 81
chr-5.trna89-Leu-CAG      GGCAUGGG-U---UCGAAUCCCAUUCUUG-ACA 81
chr-6.trna16-Leu-CAG      GGCAUGGG-U---UCGAAUCCCAUUCUUG-ACA 81
chr-10.trna18-Leu-CAG     GGCAUGGG-U---UCGAAUCCCAUUCUUG-ACA 81
chr-7.trna2-Leu-CAG       GGCAUGGG-U---UCGAAUCCCAUUCUUG-ACA 81
chr-8.trna5-Leu-CAG       GGCAUGGG-U---UCGAAUCCCAUUCUUG-ACA 81
chr-7.trna29-Leu-CAG      GGCAUGGG-U---UCGAAUCCCAUUCUAG-ACA 81
chr-6.trna29-Leu-CAG      GGCAUGGG-U---UCUAAUCCCAUUCUUG-ACA 81
chr-12.trna52-Leu-AAG     GGCGUGGGUU---UCAAAUCCCACUCUCG-UCA 82
chr-13.trna39-Leu-TAG     GGCGUGGG-U---UCAAAUCCCACAGCUG-UCA 80
chr-15.trna48-Leu-TAG     GGCGUGGG-U---UCAAAUCCCACAGCUG-UCA 80
chr-16.trna52-Leu-TAG     GGCGUGGG-U---UCAAAUCCCACAGCUG-UCA 80
chr-7.trna52-Leu-TAG      GGCGUGGG-U---UCAAAUCCCACAGCUG-UCA 80
chr-12.trna16-Leu-TAG     GGCGUGGG-U---UCAAAUCCCACAGCUG-UCA 80
chr-11.trna62-Leu-TAG     GGCGUGGG-U---UCAAAUCCCACAGCUG-UCA 80
chr-6.trna13-Leu-TAG      GGCGUGGG-U---UCAAAUCCCACAGCUG-UCA 80
chr-7.trna40-Leu-TAG      GGCGUGGG-U---UCAAAUCCCACAGCUG-UCA 80
chr-14.trna42-Leu-TAG     GGCGUGGG-U---UCAAAUCCCACAGCUG-UCA 80
chr-5.trna55-Leu-TAG      GGCGUGGG-U---UCAAAUCCCACAGCUG-UCA 80
chr-5.trna13-Leu-TAG      GGCGUGGG-U---UGAAAUUCCACAGCUG-UCA 80
chr-7.trna11-Leu-AAG      GGCGUGGG-U---UCAAAUCCCACUCUCA-ACG 74
chr-18.trna34-Leu-TAA     CGCGUGGGU----UCGAACCCCACAGCCA-GCA 84
chr-16.trna46-Leu-TAA     CGCGUGGGU----UCGAACCCCACAGCCA-GCA 83
chr-5.trna22-Leu-TAA      CGCGUGGGU----UCGAACCCCACAGCCA-GCA 83
chr-6.trna56-Leu-TAA      CGCGUGGGU----UCGAACCCCACAGCCA-GCA 83
chr-7.trna41-Leu-TAA      CGCGUGGGU----UCGAACCCCACAGCCA-GCA 84
chr-14.trna43-Leu-TAA     CGCGUGGGU----UCGAACCCCACAGCCA-GCA 85
chr-1.trna4-Leu-CAA       GGCGUGGGU----UCAAAUCCCACUUCUG-ACA 84
chr-1.trna59-Leu-CAA      GGCGUGGGU----UCAAAUCCCACUUCUG-ACA 84
chr-1.trna76-Leu-CAA      GGCGUGGGU----UCAAAUCCCACUUCUG-ACA 84
chr-18.trna18-Leu-CAA     GGCGUGGGU----UCAAAUCCCACUUCUG-ACA 84
chr-17.trna42-Leu-CAA     GGCGUGGGU----UCAAAUCCCACUUCUG-ACA 84
chr-2.trna81-Leu-CAA      GGCGUGGGU----UCAAAUCCCACUUCUG-ACA 84
chr-3.trna28-Leu-CAA      GGCGUGGGU----UCAAAUCCCACUUCUG-ACA 84
chr-4.trna12-Leu-CAA      GGCGUGGGU----UCAAAUCCCACUUCUG-ACA 84
chr-6.trna67-Leu-CAA      GGCGUGGGU----UCAAAUCCCACUUCUG-ACA 84
chr-9.trna13-Leu-CAA      GGCGUGGGU----UCAAAUCCCACUUCUG-ACA 84
chr-12.trna39-Leu-CAA     GGCGUGGGU----UCAAAUCCCACUUCUG-ACA 84
chr-11.trna35-Leu-CAA     GGCGUGGGU----UCAAAUCCCACUUCUG-ACA 84
chr-10.trna28-Leu-CAA     G-CGUGUGU----UCAAAUCCCACUUCUG-ACA 83
chr-17.trna24-Leu-TAA     CGCGUGGGUUCGAUCGAACCCCACAGCCA-GCA 87
chr-2.trna48-Leu-CAA      GGCGUGGGU----UCAAAUCCCACUUCUG-ACA 79
chr-3.trna3-Leu-AAG       GGCGUGGGU----UCAAAUCCCACUCUCC-UCC 87
chr-4.trna33-Leu-TAG      CGUCUCGGU----UCGAGUCCGAGUGGCA-GCA 80
chr-9.trna18-Leu-TAG      CAUCUCGGU----UCAAGUCCGAGUGGCG-GCA 80
chr-2.trna50-Leu-CAA      GGCGUG-------------CCCACUUCUG-ACA 75
chr-5.trna90-Leu-CAA      GUCAUCGGU----UCAAAUCCGACAAAGG-GCU 75
chr-2.trna82-Leu-TAA      GUCGCAGGU----UCAAAACCUUCUAAUAUGUC 74
                                                  .........70.........80.........90..
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