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                                                  (((((((..((((........))))((((((.......))))))....(((((..(.....
chr-Lu10.trna9-Lys-TTT    GGGUGUAUAGCUCAGUUGGUAGAGCAUUGGGCUUUUAACCUAAUGGUCGCAG--GUUCAA 58
chr-Lu7.trna41-Lys-TTT    GGGUGUAUAGCUCAGUUGGUAGAGCAUUGGGCUUUUAACCUAAUGGUCGCAG--GUUCAA 58
chr-Lu10.trna21-Lys-TTT   GCCGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGG--GUUCGA 58
chr-Lu11.trna17-Lys-TTT   GCCGUCUUAGCUCAGCUGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGG--GUUCGA 58
chr-Lu15.trna5-Lys-TTT    GCCGUCUUAGCUCAGCUGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGG--GUUCGA 58
chr-Lu3.trna14-Lys-TTT    GCCGUCUUAGCUCAGCUGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGG--GUUCGA 58
chr-Lu3.trna36-Lys-TTT    GCCGUCUUAGCUCAGCUGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGG--GUUCGA 58
chr-Lu9.trna3-Lys-TTT     GCCGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGG--GUUCGA 58
chr-Lu5.trna16-Lys-TTT    GCCGUCUUAGCUCAGCUGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGG--GUUCGA 58
chr-Lu6.trna63-Lys-TTT    GCCGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGG--GUUCGA 58
chr-Lu7.trna7-Lys-TTT     GCCGUCUUAGCUCAGCUGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGG--GUUCGA 58
chr-Lu7.trna15-Lys-TTT    GCCGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGG--GUUCGA 58
chr-Lu1.trna117-Lys-TTT   GCCGUCUUAGCUCAGCCGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGG--GUUCGA 58
chr-Lu12.trna61-Lys-TTT   GCCGUCUUAGCUCAGCCGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGG--GUUCGA 58
chr-Lu12.trna62-Lys-TTT   GCCGUCUUAGCUCAGCCGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGG--GUUCGA 58
chr-Lu15.trna16-Lys-TTT   GCCGUCUUAGCUCAGCCGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGG--GUUCGA 58
chr-Lu9.trna11-Lys-TTT    GCCGUCUUAGCUCAGCCGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGG--GUUCGA 58
chr-Lu4.trna2-Lys-TTT     GCCGUCUUAGCUCAGCCGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGG--GUUCGA 58
chr-Lu11.trna44-Lys-TTT   GCCGUCUUAGCUCAGCCGGUAGAGCGCGUGGCUUUUAACCACGUGGUUGUGG--GUUUGA 58
chr-Lu1.trna8-Lys-TTT     GCCGUCCUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGG--GUUCGA 57
chr-Lu10.trna54-Lys-TTT   GCCGUCCUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGG--GUUCGA 57
chr-Lu11.trna48-Lys-TTT   GCCGUCCUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGG--GUUCGA 57
chr-Lu6.trna40-Lys-TTT    GCCGUCCUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGG--GUUCGA 57
chr-Lu8.trna86-Lys-TTT    GCCGUCCUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGG--GUUCGA 57
chr-Lu14.trna29-Lys-TTT   GCUGCCUUAGCUUAGCCGGUAGAGCACGUGGCUUUUAUCCAUGUGGUUGUGG--GUUCGA 58
chr-Lu9.trna66-Lys-TTT    GCCUCAGUAGCUUAG-UGGUAGAGGGAUCGGUUUUUAACCGAUUGGUCAUAG--GUUUGA 57
chr-Lu11.trna74-Lys-TTT   ACCAUCUUAGCUUAGCUGAUAGAGCGCGUGACUUUUAACCACGUGGAAGUAG--GUUUGA 58
chr-Lu6.trna34-Lys-TTT    GCCGUCCUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGG--GUUCGA 57
chr-Lu5.trna14-Lys-TTT    GCCUCUGUAGCACAGC-GGUAGUGCAUUUGCCUUUUAAGCAAGCAGUCGUGA--GUUCGA 57
chr-Lu3.trna35-Lys-TTT    GCCUCUGUAGCACAGC-GGUAGUGCAUUUGUCUUUUAAGCAAGCAGUCGUGA--GUUUGA 57
chr-Lu9.trna81-Lys-TTT    GUCCAUCUAGUUCAAUUGGUAGAGCGCAAGGCUUUUAUCUUUGUGGGUGUAG--GUUUAA 58
chr-Lu3.trna15-Lys-TTT    AAGCACUUAGCUUAGCUGGUAUAGUGCGUGGCUUUUAACCACGAGGCUGUGG--GUUCAA 58
chr-Lu3.trna22-Lys-TTT    ACUUGUCUGGCUUAGUUGGUUGAGUGCAAGGCUUUUAAUCUUGUGGUUGUGG---UUGAA 57
chr-Lu7.trna55-Lys-TTT    ACGCUCGUGGCCUAACGGAUAAGGCAUUUGAUUUUUAAUCAAAG---AAUUGUGGUUUGA 57
chr-Lu8.trna43-Lys-TTT    GGGCUUGCGGCUUAAUGGACAAGGCAUUUCACUUUUAAUUAAAGGAUAGUGGGUUUUCGA 60
                          .........10........20........30........40........50.........

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chr-Lu10.trna9-Lys-TTT    GUCCUGCUA-UACCCA 73
chr-Lu7.trna41-Lys-TTT    GUCCUGCUA-UACCCA 73
chr-Lu10.trna21-Lys-TTT   UUCCCACAG-ACGGCG 73
chr-Lu11.trna17-Lys-TTT   UUCCCACAG-ACGGCG 73
chr-Lu15.trna5-Lys-TTT    UUCCCACAG-ACGGCG 73
chr-Lu3.trna14-Lys-TTT    UUCCCACAG-ACGGCG 73
chr-Lu3.trna36-Lys-TTT    UUCCCACAG-ACGGCG 73
chr-Lu9.trna3-Lys-TTT     UUCCCACAG-ACGGCG 73
chr-Lu5.trna16-Lys-TTT    UUCCCACAG-ACGGCG 73
chr-Lu6.trna63-Lys-TTT    UUCCCACAG-ACGGCG 73
chr-Lu7.trna7-Lys-TTT     UUCCCACAG-ACGGCG 73
chr-Lu7.trna15-Lys-TTT    UUCCCACAG-ACGGCG 73
chr-Lu1.trna117-Lys-TTT   UUCCCACAG-ACGGCG 73
chr-Lu12.trna61-Lys-TTT   UUCCCACAG-ACGGCG 73
chr-Lu12.trna62-Lys-TTT   UUCCCACAG-ACGGCG 73
chr-Lu15.trna16-Lys-TTT   UUCCCACAG-ACGGCG 73
chr-Lu9.trna11-Lys-TTT    UUCCCACAG-ACGGCG 73
chr-Lu4.trna2-Lys-TTT     UUCCCACAG-ACGGCG 73
chr-Lu11.trna44-Lys-TTT   UUCCCACAG-ACGGCG 73
chr-Lu1.trna8-Lys-TTT     UCCCCACGG-ACGGCG 72
chr-Lu10.trna54-Lys-TTT   UCCCCACGG-ACGGCG 72
chr-Lu11.trna48-Lys-TTT   UCCCCACGG-ACGGCG 72
chr-Lu6.trna40-Lys-TTT    UCCCCACGG-ACGGCG 72
chr-Lu8.trna86-Lys-TTT    UCCCCACGG-ACGGCG 72
chr-Lu14.trna29-Lys-TTT   UUCCCAUAG-AUGGCG 73
chr-Lu9.trna66-Lys-TTT    AUCCUAUUU-GAGGAG 72
chr-Lu11.trna74-Lys-TTT   UUCCCACAG-AUGGCG 73
chr-Lu6.trna34-Lys-TTT    UCCCGGCGG-AUGUUA 72
chr-Lu5.trna14-Lys-TTT    AUCUCGCCA-GGGGCA 72
chr-Lu3.trna35-Lys-TTT    AUCUCGCCA-GCGGCA 72
chr-Lu9.trna81-Lys-TTT    ACCCUACGG-UUGGUG 73
chr-Lu3.trna15-Lys-TTT    UUCCCACAGAUGUUGC 74
chr-Lu3.trna22-Lys-TTT    GCUCCACAG-UGGGUA 72
chr-Lu7.trna55-Lys-TTT    GUCCCACUA-AGCGUG 72
chr-Lu8.trna43-Lys-TTT    GUCCCACCG-AGCCUG 75
                          .........70.....
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