```
                                 ((((((((((.........))))))(.(.(((((.......)))))).).))))))...
chr-Lu2.trna29-Asn-GTT           GCUGGAAUAGCUCAGCU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu12.trna50-Asn-GTT          GCUGGAAUAGCUCAGCU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu3.trna8-Asn-GTT            GCUGGAAUAGCUCAGCU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu6.trna9-Asn-GTT            GCUGGAAUAGCUCAGCU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu13.trna98-Asn-GTT          GCUGGAAUAGCUCAGUU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu2.trna2-Asn-GTT            GCUGGAAUAGCUCAGUU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu1.trna79-Asn-GTT           GCUGGAAUAGCUCAGUU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu11.trna81-Asn-GTT          GCUGGAAUAGCUCAGUU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu13.trna27-Asn-GTT          GCUGGAAUAGCUCAGUU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu13.trna56-Asn-GTT          GCUGGAAUAGCUCAGUU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu14.trna21-Asn-GTT          GCUGGAAUAGCUCAGUU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu9.trna13-Asn-GTT           GCUGGAAUAGCUCAGUU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu14.trna37-Asn-GTT          GCUGGAAUAGCUCAGUU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu8.trna40-Asn-GTT           GCUGGAAUAGCUCAGUU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu15.trna25-Asn-GTT          GCUGGAAUAGCUCAGUU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu2.trna10-Asn-GTT           GCUGGAAUAGCUCAGUU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu4.trna53-Asn-GTT           GCUGGAAUAGCUCAGUU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu5.trna29-Asn-GTT           GCUGGAAUAGCUCAGUU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu4.trna20-Asn-GTT           GCUGGAAUAGCUCAGCU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu11.trna18-Asn-GTT          GCUGGAGUAGCUCAGUU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCAGAGGUUC 57
chr-Lu11.trna19-Asn-GTT          GCUGGAGUAGCUCAGUU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCAGAGGUUC 57
chr-Lu13.trna91-Asn-GTT          GCUGGAAUAGCUCAGUU---GGCUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu13.trna99-Asn-GTT          GCUGGAAUAGCUCAGUU---GGCUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu5.trna79-Asn-GTT           GCUGGAAUAGCUCAGUU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu1.trna25-Asn-GTT           GCUGGAAUAGCUCAGUU---GGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUC 57
chr-Lu1.trna43-Asn-GTT           GCUGGAGUAGCUCAGUU---GGUUAGAGCGUAUGGCUGUUAACCAUAAGGUCGAAGGUUC 57
chr-Lu1.trna1-Asn-GTT            GCUGGAGUAGCUCAGUU---GGUUAGAGCGUAUGGCUGUUAACCAUAAGGUCGAAGGUUC 57
chr-Lu8.trna44-Asn-GTT           GUUGAAAUAACUUAGCU---GGUUAGAGUGUGUGGCUGUUAACUACAAGGUUGGAGAUUC 57
chr-Lu13.trna18-Asn-GTT          ACGACCAUAGCUCAGUU---GG-UAGUGCGGAGGACUGUUGAUCCUUAGGUCACUGGUUU 56
chr-Lu9.trna85-Asn-GTT           GCUGGAAUAGCU-AGUU---GGUUUGAGCAUAUGGUUGUUAACCACAAAGUCAGAUGUUC 56
chr-Lu10.trna28-Asn-GTT          UCCUCAGUAGCUCAGUG---G--UAGAGCGAUCGGCUGUUAACCGAUUAGUCAUAGAUUC 55
chr-Lu9.trna61-Asn-GTT           UCCUCAGUAGCUCAGUG---G--UAAAGCGAUCGGAUGUUAACCGAUUGGUUAUAGGUUU 55
chr-Lu7.trna40-Asn-GTT           UCCUCAGUAGCUCAGUG---G--UAGAGCGAUCGACUGUUAACCGAUUGGUCAUAAGUUC 55
chr-Lu9.trna30-Asn-GTT           UCCUCAGUAGCUUAGUG---G--UAGAGCGAUCGGUUGUUAACCAAUUGAUCAUAGGUUU 55
chr-Lu10.trna49-Asn-GTT          AUUAGAAUAGCUCAGUU---GGUUAGAGCGUGUAGCUGUUAACCAUAA-GUCUAAAAUUC 56
chr-Lu9.trna45-Asn-GTT           -CUGGAAUAGUUUAGUU---GGUUAGAGUGUGUGGUUGUUAAUCACAAGGUUAGAGGUUU 56
chr-Lu11.trna71-Asn-GTT          ACUCAGAAGCAAUAGCUCAGUGGUAGAGCGAUCGGCUGUUAACCGAUUGGUCAUAGGUUC 60
                                 .........10........20........30........40........50.........
                                 ....))))).).)))))).
chr-Lu2.trna29-Asn-GTT           GAACCCUCC-U-UCUAGCG- 74
chr-Lu12.trna50-Asn-GTT          GAACCCUCC-U-UCUAGCG- 74
chr-Lu3.trna8-Asn-GTT            GAACCCUCC-U-UCUAGCG- 74
chr-Lu6.trna9-Asn-GTT            GAACCCUCC-U-UCUAGCG- 74
chr-Lu13.trna98-Asn-GTT          AAACCCUCC-U-UCUAGCG- 74
chr-Lu2.trna2-Asn-GTT            AAGCCCUCC-U-UCUAGCG- 74
chr-Lu1.trna79-Asn-GTT           GAACCCUCC-U-UCUAGCG- 74
chr-Lu11.trna81-Asn-GTT          GAACCCUCC-U-UCUAGCG- 74
chr-Lu13.trna27-Asn-GTT          GAACCCUCC-U-UCUAGCG- 74
chr-Lu13.trna56-Asn-GTT          GAACCCUCC-U-UCUAGCG- 74
chr-Lu14.trna21-Asn-GTT          GAACCCUCC-U-UCUAGCG- 74
chr-Lu9.trna13-Asn-GTT           GAACCCUCC-U-UCUAGCG- 74
chr-Lu14.trna37-Asn-GTT          GAACCCUCC-U-UCUAGCG- 74
chr-Lu8.trna40-Asn-GTT           GAACCCUCC-U-UCUAGCG- 74
chr-Lu15.trna25-Asn-GTT          GAACCCUCC-U-UCUAGCG- 74
chr-Lu2.trna10-Asn-GTT           GAACCCUCC-U-UCUAGCG- 74
chr-Lu4.trna53-Asn-GTT           GAACCCUCC-U-UCUAGCG- 74
chr-Lu5.trna29-Asn-GTT           GAACCCUCC-U-UCUAGCG- 74
chr-Lu4.trna20-Asn-GTT           AAACCCUCC-U-UCUAGCG- 74
chr-Lu11.trna18-Asn-GTT          GACCCCUCU-C-UCUAGCG- 74
chr-Lu11.trna19-Asn-GTT          GACCCCUCU-C-UCUAGCG- 74
chr-Lu13.trna91-Asn-GTT          AAGCCCUCC-U-UCUAGCG- 74
chr-Lu13.trna99-Asn-GTT          AAGCCCUCC-U-UCUAGCG- 74
chr-Lu5.trna79-Asn-GTT           AAGCCCUCU-U-UCUAGCG- 74
chr-Lu1.trna25-Asn-GTT           AAACCCUCC-U-UCUAACG- 74
chr-Lu1.trna43-Asn-GTT           GACCCCUUC-C-UCUAGCG- 74
chr-Lu1.trna1-Asn-GTT            GACCCCUUC-C-UCUAGCG- 74
chr-Lu8.trna44-Asn-GTT           GAACCCUCU-U-UUUAGUU- 74
chr-Lu13.trna18-Asn-GTT          GAUUCCAGU-U-GGUCGGA- 73
chr-Lu9.trna85-Asn-GTT           AAACCUUCC-U-UUUAGUG- 73
chr-Lu10.trna28-Asn-GTT          GAAUCCUAU-U-UGAGGAG- 72
chr-Lu9.trna61-Asn-GTT           GAAUCCUAU-U-UGAGAAU- 72
chr-Lu7.trna40-Asn-GTT           GAAUCCUAU-U-UGAGGAG- 72
chr-Lu9.trna30-Asn-GTT           GAAUCCUAU-U-UGAGGAG- 72
chr-Lu10.trna49-Asn-GTT          GAAUCUUUA-UAUCUUAUG- 74
chr-Lu9.trna45-Asn-GTT           GAACCCUCCUUCUAUAAUGA 76
chr-Lu11.trna71-Asn-GTT          GAAUCCUAU---UUGAG-GA 76
                                 .........70.........
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