```
                                 (((((((.....((.......)).....(((((((((.....)))))).))))))...
chr-Lu6.trna52-Pro-AGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCUCGAGUUC 55
chr-Lu5.trna22-Pro-AGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCUCGAGUUC 55
chr-Lu1.trna47-Pro-AGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu9.trna43-Pro-AGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu8.trna53-Pro-AGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu10.trna23-Pro-AGG          GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu12.trna58-Pro-AGG          GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu7.trna18-Pro-AGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu12.trna67-Pro-AGG          GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu13.trna23-Pro-AGG          GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu13.trna26-Pro-AGG          GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu9.trna22-Pro-AGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu2.trna25-Pro-AGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu2.trna28-Pro-AGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu9.trna15-Pro-AGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu2.trna54-Pro-AGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu2.trna67-Pro-AGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu3.trna19-Pro-AGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu13.trna70-Pro-AGG          GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCAAGAGGUCCCGAGUUC 55
chr-Lu3.trna42-Pro-TGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUUGCUUUGGGUGCGAGAGGUCUGGAGUUU 55
chr-Lu1.trna21-Pro-TGG           GGGCGUU--UGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu10.trna16-Pro-TGG          GGGCGUU--UGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu9.trna56-Pro-TGG           GGGCGUU--UGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu13.trna61-Pro-TGG          GGGCGUU--UGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu2.trna50-Pro-TGG           GGGCGUU--UGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu1.trna67-Pro-CGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUCGGGUGCGAGAGGUCCCGAGUUC 55
chr-Lu6.trna29-Pro-CGG           GGGUGUU--UGGUCUAGU---GGUAUGAUUCUCGCUUCGGGUGCGAGAGGUCGGGAGUUC 55
chr-Lu1.trna13-Pro-TGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCGGAGUUC 55
chr-Lu1.trna26-Pro-TGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCGGAGUUC 55
chr-Lu1.trna48-Pro-TGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCGGAGUUC 55
chr-Lu8.trna25-Pro-TGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCGGAGUUC 55
chr-Lu3.trna29-Pro-TGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCGGAGUUC 55
chr-Lu15.trna27-Pro-TGG          GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCGGAGUUC 55
chr-Lu3.trna79-Pro-TGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCGGAGUUC 55
chr-Lu4.trna64-Pro-TGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCGGAGUUC 55
chr-Lu1.trna66-Pro-TGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCGGAGUUC 55
chr-Lu2.trna56-Pro-TGG           GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCGGAGUUC 55
chr-Lu13.trna78-Pro-TGG          GGGCAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUUGGGUGCGAGAGGUCCGGAGUUC 55
chr-Lu4.trna34-Pro-CGG           GGGUGUU--UGGUCUAGU---GGUAUGAUUCUCGCUUCGGGUGCGAGAGGUCGUGAGUUC 55
chr-Lu2.trna46-Pro-CGG           GGGUGUU--UGGUCUAGU---GGUAUGAUUCUCGCUUCGGGUGCGAGAGGUCGUGAGUUC 55
chr-Lu6.trna71-Pro-CGG           GGGUGUU--UGGUCUAGU---GGUAUGAUUCUCGCUUCGGGUGCGAGAGGUCGUGAGUUC 55
chr-Lu5.trna33-Pro-CGG           GGGUGUU--UGGUCUAGU---GGUAUGAUUCUCGCUUCGGGUGCGAGAGGUCGUGAGUUC 55
chr-Lu5.trna55-Pro-CGG           GGGUGUU--UGGUCUAGU---GGUAUGAUUCUCGCUUCGGGUGCGAGAGGUCGUGAGUUC 55
chr-Lu1.trna83-Pro-CGG           GGGUGUU--UGGUCUAGU---CGUAUGAUUCUCGCUUCGGGUGCGAGAGGUUGUGAGUUU 55
chr-Lu8.trna1-Pro-CGG            GGGUGUU--UGGUCUAGU---GGAAUGAUUCUCGCUUCGGGUGCGAGAGGUCGUGAGUUC 55
chr-Lu3.trna28-Pro-AGG           GGGCAUU--UGCUUUAGU---GGUAUGAUUUUUGCUUAGGAUGCGAGAGGUUUUGAGUUC 55
chr-Lu10.trna18-Pro-CGG          GGGUAUU--UGGUCUAGU---GGUAUGAUUCUCGCUUCGGAUGCGAGAGGUCGUGAGUUU 55
chr-Lu3.trna30-Pro-TGG           GGGCAUU--UGGUCUAGU---GGUUUGAUUCUCGCUUUGGAUGCGAGAGGACUGGAGUUU 55
chr-Lu2.trna76-Pro-AGG           GGGUAUU--UAGUCUAGU---GGUAUGAUUCUCGCUUAGGGUGCGAAAGGUCUUGAGUUC 55
chr-Lu13.trna49-Pro-CGG          GGGUGUUUUUGCUCUAGU---GGUAUGAUUCUCGCUUCGGGUGUGAGAGGUCGUGGGUUC 57
chr-Lu11.trna42-Pro-CGG          AGGUGUU--UGGUCUAGU---GGUAUGAUUCUUGUUUCGGGUACGAGAAGUCGUAAAUUU 55
chr-Lu5.trna17-Pro-TGG           GGGUGUU--UGGUCUAGU---GGUAUGAUUUUCUUUUUGGGUGUGAAAGGGCGUGAGUUU 55
chr-Lu4.trna65-Pro-TGG           GGGCAUU--UAGUGUAAU---GGUUUAAUUCUCACUUUGGAUGCGAGAGGUCCGGAGUUU 55
chr-Lu11.trna29-Pro-TGG          CGAGGUG--UAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGCCAUAGGUUC 58
                                 .........10........20........30........40........50.........
                                 ....))))))))))))).
chr-Lu6.trna52-Pro-AGG           AAUUCUUGAAAUGCCCC 72
chr-Lu5.trna22-Pro-AGG           AAUUCUCGGAAUGCCCC 72
chr-Lu1.trna47-Pro-AGG           AAUUCUCGGAAUGCCCC 72
chr-Lu9.trna43-Pro-AGG           AAUUCUCGGAAUGCCCC 72
chr-Lu8.trna53-Pro-AGG           AAUUCUCGGAAUGCCCC 72
chr-Lu10.trna23-Pro-AGG          AAUUCUCGGAAUGCCCC 72
chr-Lu12.trna58-Pro-AGG          AAUUCUCGGAAUGCCCC 72
chr-Lu7.trna18-Pro-AGG           AAUUCUCGGAAUGCCCC 72
chr-Lu12.trna67-Pro-AGG          AAUUCUCGGAAUGCCCC 72
chr-Lu13.trna23-Pro-AGG          AAUUCUCGGAAUGCCCC 72
chr-Lu13.trna26-Pro-AGG          AAUUCUCGGAAUGCCCC 72
chr-Lu9.trna22-Pro-AGG           AAUUCUCGGAAUGCCCC 72
chr-Lu2.trna25-Pro-AGG           AAUUCUCGGAAUGCCCC 72
chr-Lu2.trna28-Pro-AGG           AAUUCUCGGAAUGCCCC 72
chr-Lu9.trna15-Pro-AGG           AAUUCUCGGAAUGCCCC 72
chr-Lu2.trna54-Pro-AGG           AAUUCUCGGAAUGCCCC 72
chr-Lu2.trna67-Pro-AGG           AAUUCUCGGAAUGCCCC 72
chr-Lu3.trna19-Pro-AGG           AAUUCUCGGAAUGCCCC 72
chr-Lu13.trna70-Pro-AGG          AAUUCUCGGAAUGCCCC 72
chr-Lu3.trna42-Pro-TGG           GAUUCUCUGAAUGCCCC 72
chr-Lu1.trna21-Pro-TGG           GAUUCUCGGAACGCCCC 72
chr-Lu10.trna16-Pro-TGG          GAUUCUCGGAACGCCCC 72
chr-Lu9.trna56-Pro-TGG           GAUUCUCGGAACGCCCC 72
chr-Lu13.trna61-Pro-TGG          GAUUCUCGGAACGCCCC 72
chr-Lu2.trna50-Pro-TGG           GAUUCUCGGAACGCCCC 72
chr-Lu1.trna67-Pro-CGG           GAUUCUCGGAAUGCCCC 72
chr-Lu6.trna29-Pro-CGG           GAUUCUCCCAACACCCC 72
chr-Lu1.trna13-Pro-TGG           GAUUCUCCGAAUGCCCC 72
chr-Lu1.trna26-Pro-TGG           GAUUCUCCGAAUGCCCC 72
chr-Lu1.trna48-Pro-TGG           GAUUCUCCGAAUGCCCC 72
chr-Lu8.trna25-Pro-TGG           GAUUCUCCGAAUGCCCC 72
chr-Lu3.trna29-Pro-TGG           GAUUCUCCGAAUGCCCC 72
chr-Lu15.trna27-Pro-TGG          GAUUCUCCGAAUGCCCC 72
chr-Lu3.trna79-Pro-TGG           GAUUCUCCGAAUGCCCC 72
chr-Lu4.trna64-Pro-TGG           GAUUCUCCGAAUGCCCC 72
chr-Lu1.trna66-Pro-TGG           GAUUCUCUGAAUGCCCC 72
chr-Lu2.trna56-Pro-TGG           GAUUCUCUGAAUGCCCC 72
chr-Lu13.trna78-Pro-TGG          GAUUCUCUGAAUGCCCC 72
chr-Lu4.trna34-Pro-CGG           GAUUCUCGCAACACCCC 72
chr-Lu2.trna46-Pro-CGG           GAUUCUUGCAACACCCC 72
chr-Lu6.trna71-Pro-CGG           GAUUCUCGCAACACCCC 72
chr-Lu5.trna33-Pro-CGG           GAUUCUCGCAACACCCC 72
chr-Lu5.trna55-Pro-CGG           GAUUCUCGCAACACCCC 72
chr-Lu1.trna83-Pro-CGG           GAUUCUCGCAACACCCC 72
chr-Lu8.trna1-Pro-CGG            GAUUCUCCCAACACCCC 72
chr-Lu3.trna28-Pro-AGG           AAUUCUCGAAAUGCCCC 72
chr-Lu10.trna18-Pro-CGG          GAUUCUCGCAACACCCC 72
chr-Lu3.trna30-Pro-TGG           GAUUCUCCGAAUGGCCC 72
chr-Lu2.trna76-Pro-AGG           AAUUCUUAAAAUCUCCC 72
chr-Lu13.trna49-Pro-CGG          AAUUUUCGCAACACCCU 74
chr-Lu11.trna42-Pro-CGG          GAUUCUCGCAACACCCA 72
chr-Lu5.trna17-Pro-TGG           GGUUCUUGCAACACCCC 72
chr-Lu4.trna65-Pro-TGG           GAUUCUCCCAAUGCCCC 72
chr-Lu11.trna29-Pro-TGG          GAAUCCUGUCACCUUGA 75
                                 .........70......
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