```
                        (((((((..(((.((.....)).)..)))(((((.......)))))))(....)).)(((( 
chr-2.trna17-Leu-AAG    GUUGAGAUGGUCGCAUUGGUCUAAGGCGCUAGAUUAAGGUUUUGGUUCAAAAGGGCAUGG 60
chr-1.trna44-Leu-AAG    GUUGAGACGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-1.trna115-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-2.trna156-Leu-AAG   GUUGAGAUGGCCGAGUCGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-2.trna190-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCAAAAGGGCGUGG 60
chr-8.trna9-Leu-AAG     GUUGAGAUGGCCGAGUUGGUCUAAGGCACCAGAUUAAGGUUCUGGUCCAAAAGGGCGUGG 60
chr-15.trna33-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-14.trna191-Leu-AAG  GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-2.trna160-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-15.trna32-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-3.trna40-Leu-AAG    GUGGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-13.trna13-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-12.trna157-Leu-AAG  GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-3.trna139-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-1.trna56-Leu-AAG    GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-2.trna158-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGCCCGAAAGGGCGUGG 60
chr-1.trna28-Leu-AAG    GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-2.trna69-Leu-AAG    GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-2.trna70-Leu-AAG    GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-2.trna134-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-14.trna122-Leu-AAG  GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-13.trna85-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-13.trna62-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-12.trna159-Leu-AAG  GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-12.trna149-Leu-AAG  GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-12.trna85-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-3.trna140-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-11.trna204-Leu-AAG  GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-11.trna203-Leu-AAG  GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-11.trna202-Leu-AAG  GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-11.trna197-Leu-AAG  GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-11.trna196-Leu-AAG  GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-11.trna195-Leu-AAG  GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-11.trna193-Leu-AAG  GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-11.trna192-Leu-AAG  GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-3.trna148-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-4.trna139-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-5.trna177-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-7.trna117-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-11.trna127-Leu-AAG  GUGGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-11.trna126-Leu-AAG  GUGGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-7.trna122-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-7.trna123-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-11.trna81-Leu-AAG   GUGGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-8.trna10-Leu-AAG    GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-9.trna68-Leu-AAG    GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-11.trna66-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-9.trna152-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-1.trna144-Leu-AAG   GUGGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-11.trna82-Leu-AAG   GUGGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-7.trna129-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-4.trna138-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-12.trna41-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-7.trna202-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGAUUCUGGUCCGAAAGGGCGUGG 60
chr-2.trna191-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-15.trna29-Leu-AAG   GUUGAGAUGGCCGUGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-13.trna80-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAUGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-15.trna3-Leu-AAG    GUUGAGAUGGCCGAGUUGGUCUAAGGUGCCAGAUUAAGGUUCUGGUUCGAAAGGGCGUGG 60
chr-2.trna198-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGUGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-12.trna133-Leu-AAG  GUUGAGAUGACCGAGUUGGUUUAAGGUGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-11.trna69-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGUGUGG 60
chr-11.trna178-Leu-AAG  GUUGAGAUGGCCGAGUUGGUCUAAGGUGCCAGAUUAAGGUUCUGGUCCGAAAGGGUGUGG 60
chr-7.trna118-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGGACCAGAUUAAGGUUCUGGUCCGAAAGGGUGUGG 60
chr-11.trna125-Leu-AAG  GUGGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGUAAGGGCGUGG 60
chr-11.trna124-Leu-AAG  GUGGAGAUGGCCGAGUUGGUCUAAAGCGCCAGAUUAAGGUUCUGGUCCGUAAGGGCGUGG 60
chr-11.trna205-Leu-AAG  GUUGAGAUGGCCGAGUUGGUCUAAGACGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-14.trna144-Leu-AAG  GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUAGUCCGAAAGGGCGUGG 60
chr-1.trna112-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGACGCUAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-15.trna30-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCUAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-15.trna31-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGGCCGAAAGGGCGUGG 60
chr-15.trna34-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-11.trna80-Leu-AAG   GUGGAGAUGGACGAGUUGGUCUAAGGCGCCAGAUUAAGGUUUUGGUCCGAAAGGGCGUGG 60
chr-2.trna159-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGUUUCUGGUCCGAAAGGGAGUGG 60
chr-1.trna31-Leu-AAG    GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUUGGUCCGAAAGGGCGUGG 60
chr-1.trna145-Leu-AAG   GUGGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUUGGUCCGAAAGGGCGUGG 60
chr-15.trna49-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUUGGUCCGUAAGGGCGUGG 60
chr-13.trna186-Leu-AAG  GUGGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUUGGUCCGCAAGGGCGUGG 60
chr-14.trna123-Leu-AAG  GUUGAUAUGGCCGAGUUGGUCAAAGGUGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-2.trna32-Leu-AAG    GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUUUGAAAGGGCUUGG 60
chr-15.trna28-Leu-AAG   GUUGAGAUGGCCUGAGUUGGUCUAUGGCGCCAGAUUAAGGUUCUGGUUUGAAAGGGCGUGG 60
chr-15.trna85-Leu-AAG   GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-11.trna191-Leu-AAG  GUUGAGAUGGCUGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCUGAAAGGGCAUGG 60
chr-4.trna153-Leu-AAG   GUGGAGAUGGCCGAGUUGGUUUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGUGUGG 60
chr-5.trna64-Leu-AAG    GUUGAGAUGGCUGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCAAAAGGGUGUGG 60
chr-4.trna86-Leu-AAG    GUUGAGAUAGCCAAGUUAGUCUAUGGCACCAGAUUAAGGUUCUGGUUAGAAAGGGCAUGA 60
chr-11.trna164-Leu-AAG  GGGUGUUUGGUUUAGUGG---UAUGAUUCUCGCUUAAGUUGCGGGA------GGUUGUGA 51
chr-11.trna165-Leu-AAG  AGGUGUUUGGUUUAGUAG---UAUGAUUCUCGCUUAAGUUGUGAGA------GGUUGUGA 51
chr-6.trna111-Leu-AAG   GCUAGUU--GCC----UCGUUAAAAACCUUGGGCUAAGGACCCAGU------GGUCGUGG 48
                        .........10........20........30........40........50.........
```



```
                        (............))))))))))...).
chr-2.trna17-Leu-AAG    GUUCUGAUCUAAUCCUAUUCUCAA---CA 86
chr-1.trna44-Leu-AAG    GU-----UCAAAUCCCACUCUCAA---CA 81
chr-1.trna115-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-2.trna156-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---UA 81
chr-2.trna190-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-8.trna9-Leu-AAG     GU-----UCAAAUCCCACUCUCAA---CA 81
chr-15.trna33-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-14.trna191-Leu-AAG  GU-----UCAAAUCCCACUCUCAA---CA 81
chr-2.trna160-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-15.trna32-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-3.trna40-Leu-AAG    GU-----UCAAAUCCCACUCUCCA---CA 81
chr-13.trna13-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-12.trna157-Leu-AAG  GU-----UCAAAUCCCACUCUCAA---CA 81
chr-3.trna139-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-1.trna56-Leu-AAG    GU-----UCAAAUCCCACUCUCAA---CA 81
chr-2.trna158-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-1.trna28-Leu-AAG    GU-----UCAAAUCCCACUCUCAA---CA 81
chr-2.trna69-Leu-AAG    GU-----UCAAAUCCCACUCUCAA---CA 81
chr-2.trna70-Leu-AAG    GU-----UCAAAUCCCACUCUCAA---CA 81
chr-2.trna134-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-14.trna122-Leu-AAG  GU-----UCAAAUCCCACUCUCAA---CA 81
chr-13.trna85-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-13.trna62-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-12.trna159-Leu-AAG  GU-----UCAAAUCCCACUCUCAA---CA 81
chr-12.trna149-Leu-AAG  GU-----UCAAAUCCCACUCUCAA---CA 81
chr-12.trna85-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-3.trna140-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-11.trna204-Leu-AAG  GU-----UCAAAUCCCACUCUCAA---CA 81
chr-11.trna203-Leu-AAG  GU-----UCAAAUCCCACUCUCAA---CA 81
chr-11.trna202-Leu-AAG  GU-----UCAAAUCCCACUCUCAA---CA 81
chr-11.trna197-Leu-AAG  GU-----UCAAAUCCCACUCUCAA---CA 81
chr-11.trna196-Leu-AAG  GU-----UCAAAUCCCACUCUCAA---CA 81
chr-11.trna195-Leu-AAG  GU-----UCAAAUCCCACUCUCAA---CA 81
chr-11.trna193-Leu-AAG  GU-----UCAAAUCCCACUCUCAA---CA 81
chr-11.trna192-Leu-AAG  GU-----UCAAAUCCCACUCUCAA---CA 81
chr-3.trna148-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-4.trna139-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-5.trna177-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-7.trna117-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-11.trna127-Leu-AAG  GU-----UCAAAUCCCACUCUCCA---CA 81
chr-11.trna126-Leu-AAG  GU-----UCAAAUCCCACUCUCCA---CA 81
chr-7.trna122-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-7.trna123-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-11.trna81-Leu-AAG   GU-----UCAAAUCCCACUCUCCA---CA 81
chr-8.trna10-Leu-AAG    GU-----UCAAAUCCCACUCUCAA---CA 81
chr-9.trna68-Leu-AAG    GU-----UCAAAUCCCACUCUCAA---CA 81
chr-11.trna66-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-9.trna152-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-1.trna144-Leu-AAG   GU-----UCAAAUCCCACUCUCCA---UA 81
chr-11.trna82-Leu-AAG   GU-----UCAAAUCCCACUCUCCA---UA 81
chr-7.trna129-Leu-AAG   GU-----UCAAAUCCUACUCUCAA---CA 81
chr-4.trna138-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---UA 81
chr-12.trna41-Leu-AAG   GU-----UCAAAUUCCACUCUCAA---CA 81
chr-7.trna202-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-2.trna191-Leu-AAG   GU-----UUAAAUCCCACUCUCAA---CA 81
chr-15.trna29-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-13.trna80-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-15.trna3-Leu-AAG    GU-----UCAAAUCCCACUCUCAA---CA 81
chr-2.trna198-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-12.trna133-Leu-AAG  GU-----UCAAAUCCCGCUCUCAA---CA 81
chr-11.trna69-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-11.trna178-Leu-AAG  GU-----UCAAAUCCCACUCUCAA---CA 81
chr-7.trna118-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-11.trna125-Leu-AAG  GU-----UCAAAUCCCACUCUCCA---CA 81
chr-11.trna124-Leu-AAG  GU-----UCAAAUCCCACUCUCCA---CA 81
chr-11.trna205-Leu-AAG  GU-----UCAAAUCCCACUCUCAA---CA 81
chr-14.trna144-Leu-AAG  GU-----UCAAAUCCCACUCUCAA---CA 81
chr-1.trna112-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-15.trna30-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---UA 81
chr-15.trna31-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---UA 81
chr-15.trna34-Leu-AAG   GU-----UCAAAUCCCAGUCUCAA---CA 81
chr-11.trna80-Leu-AAG   GU-----UCAAAUCCCACUCUCCA---CA 81
chr-2.trna159-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-1.trna31-Leu-AAG    GU-----UCAAAUC-CACUCUCAA---CA 80
chr-1.trna145-Leu-AAG   AU-----UCAAAUCUCACUCUCCA---CA 81
chr-15.trna49-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-13.trna186-Leu-AAG  GU-----UCAAAUCCCACUCUCCA---CA 81
chr-14.trna123-Leu-AAG  GU-----UCAAAUCCCACUCUCAA---CA 81
chr-2.trna32-Leu-AAG    GU-----UCAAAUCCCACUCUCAA---CA 81
chr-15.trna28-Leu-AAG   GU-----UCAAAUCCCACUCUCAA---CA 81
chr-15.trna85-Leu-AAG   GUUC---UCAAAUCCCACUCUCAA---GA 83
chr-11.trna191-Leu-AAG  UU-----UCAAAUCCCAAUCUCGA---CA 81
chr-4.trna153-Leu-AAG   GU-----UCAAAUCCCACCCUCCU---CU 81
chr-5.trna64-Leu-AAG    GU-----UCAAA-UCCACGCUCAA---CA 80
chr-4.trna86-Leu-AAG    GU-----UCAAAUCCCACUCUCAA---CA 81
chr-11.trna164-Leu-AAG  GU-----UCAAUUCUCAUAACACU---CA 72
chr-11.trna165-Leu-AAG  GU-----UCAAUUCUCAUAACACU---CA 72
chr-6.trna111-Leu-AAG   GU-----UCGAUCCCCACAAACGGCGCCA 72
                        .........70........80........
```