```
                                 (((((((..((((.........)))).(((((.......)))))....(((((.......
chr-A01.trna72-Glu-CTC     UCCGUUGUAGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-A02.trna54-Glu-CTC     UUCGUUGUAGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-A06.trna85-Glu-CTC     UCCGUUGUAGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-B08.trna127-Glu-CTC    UCCGUUGUAGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-B06.trna292-Glu-CTC    UCCGUUGUAGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-A07.trna100-Glu-CTC    UCCGUUGUAGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-B02.trna179-Glu-CTC    UCCGUUGUAGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-B10.trna18-Glu-CTC     UCCGUUGUAGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-A10.trna43-Glu-CTC     UCCGUUGUAGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-B01.trna260-Glu-CTC    UCCGUUGUAGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAGU 60
chr-B03.trna6-Glu-CTC      UCCGUUGUAGUCUAGUUGGUUAGGAUACUUGGCUCUCACCCAAGAGACCCGGGUUCAAGU 60
chr-A03.trna70-Glu-CTC     UCCGUUGUAGUCUAGGUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGUGUUCAAGU 60
chr-A10.trna33-Glu-CTC     UCCGUUGUAGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-B10.trna10-Glu-CTC     UCCGUUGUAGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-A01.trna102-Glu-CTC    UCCGUUGUAGUCUAGGUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-A02.trna21-Glu-CTC     UCCGUUGUAGUCUAGGUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-A03.trna91-Glu-CTC     UCCGUUGUAGUCUAGGUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-A01.trna5-Glu-CTC      UCCGUUGUAGUCUAGGUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-B02.trna113-Glu-CTC    UCCGUUGUAGUCUAGGUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-B03.trna118-Glu-CTC    UCCGUUGUAGUCUAGGUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-B03.trna122-Glu-CTC    UCCGUUGUAGUCUAGGUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-B03.trna264-Glu-CTC    UCCGUUGUAGUCUAGGUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-B06.trna283-Glu-CTC    UCCGUUGUAGUCUAGGUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-A04.trna1-Glu-TTC      UCCGUUGUAGUCUAGUUGGUUAGGAUAUUCGGCUUUCACCCGAAAGACCCGGGUUCAAGU 60
chr-A06.trna79-Glu-CTC     UCCGUUGUAGUCUAGGUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAGU 60
chr-A03.trna5-Glu-CTC      UCCGUUGUAGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCGAGU 60
chr-B10.trna137-Glu-CTC    UCCGUUGUAGUCUAGGUGGUUAGGAUACUCGGCUCUCACCCGUGAGACCCGGGUUCAAGU 60
chr-A09.trna58-Glu-TTC     UCCAUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-A04.trna84-Glu-TTC     UCCAUUGUCGUCCAG-CGGUUAGGAUACCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-A06.trna14-Glu-TTC     UCUGUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-B10.trna28-Glu-TTC     UCCGUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-B07.trna21-Glu-TTC     UCCGUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-B10.trna253-Glu-TTC    UCCGUUGUCGUCCAG-CGGUUAGGAUACUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-A06.trna15-Glu-TTC     UCCGUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-A07.trna91-Glu-TTC     UCCGUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-B05.trna127-Glu-TTC    UCCGUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-A07.trna194-Glu-TTC    UCCGUUGUCGUCCAG-CGGUUAGGAUACUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-B03.trna125-Glu-TTC    UCCGUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-B06.trna19-Glu-TTC     UUCGUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-A03.trna79-Glu-TTC     UCCGUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAAACCCGGGUUCGAUU 59
chr-A07.trna3-Glu-TTC      UCCGUUGUCGUCCAG-CGGUUAGGAUACUGGCUUUCACCUAGGAGACUCGGGUUCGAUU 59
chr-A03.trna73-Glu-TTC     UCCGUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-B01.trna3-Glu-TTC      UCCGUUGUCGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-B03.trna120-Glu-TTC    UCCGUUGUCGUCCAG-CGGUUAGGAUGUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-B06.trna20-Glu-TTC     UCCGUUGUCGUCCAG-CGGUUAGGAUGUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 59
chr-B02.trna81-Glu-CTC     UUUGUUGUAGUUUAGGUGGUUAGGAUACUUAGCUUCUCACCUAAGAGACUUAGGUUCAAGU 60
chr-A03.trna110-Glu-TTC    GCCCCCAUCGUCUAGUGGUCCUGGACAUCUCUCUUUCAAGGAGGCAACGGGGAUUCGACU 60
chr-A08.trna94-Glu-TTC     GCCCCCAUCGUCUAGUGGUCCAGGACAUCUCUCUUUCAGGAGGCAACGGGGAUUCGACU 60
chr-A07.trna45-Glu-TTC     GCCUCCAUCGUCUAGUGGUCCAGGACAUCUCUCUUUCAAGGAGGCACGGGGAUUCGACU 60
chr-B10.trna154-Glu-TTC    GCCUUCAUCGUCUAGUGGUCCAGGACAUCUCUCUUUCAAGGAGGCAACAGGGAUUCGACU 60
chr-B03.trna150-Glu-TTC    GCCCCCAUCGUCUAGUGGUCCAGGACAUCUCUCUUUCAAAGAGACAACAGGGAUUCGAUU 60
chr-B06.trna262-Glu-TTC    GCCCCCAUCGUCUAGUGGUCCAGGACAUCUCUCUUUCAAGAAGGCAACGGGGAUUCGACU 60
chr-A02.trna24-Glu-TTC     GCCCCCAUCGUCUAGUGGUCUAGGACAUCUCUCUUUCAAGGAGGCAACGGGGAUUCGACU 60
chr-A06.trna88-Glu-TTC     GGCCCCAUCGUCUAGUGGUCCAGGACAUCUCUCUUUCAAGGAGGCAACGGGGAUUCGACU 60
chr-A06.trna59-Glu-TTC     UUCAUUGUUGUCUAG-CGCUUAGGAUAUCUGGCUUUCAUCCAGGAGACCCGGGUUCGAUU 59
chr-B09.trna26-Glu-TTC     ---GUUGUCGUCCAG-CGGUUAGGAUGUCUGGCUUUCACCCAGGAGACCCGGGUUCGAUU 56
                           .........10........20........30........40........50.........
                                  ))))))))))).....).
chr-A01.trna72-Glu-CTC     CCAGGCAACGG-----AA 73
chr-A02.trna54-Glu-CTC     CCCGGCAACGG-----AA 73
chr-A06.trna85-Glu-CTC     CCCGGCAACGG-----AA 73
chr-B08.trna127-Glu-CTC    CCCGGCAACGG-----AA 73
chr-B06.trna292-Glu-CTC    CCCGGCAACGG-----AA 73
chr-A07.trna100-Glu-CTC    CCCGGCAACGG-----AA 73
chr-B02.trna179-Glu-CTC    CCCGGCAACGG-----AA 73
chr-B10.trna18-Glu-CTC     CCCGGCAACGG-----AA 73
chr-A10.trna43-Glu-CTC     CCCGGCAACGG-----AA 73
chr-B01.trna260-Glu-CTC    CCCGGCAACGG-----AA 73
chr-B03.trna6-Glu-CTC      CCCGGCAACGG-----AA 73
chr-A03.trna70-Glu-CTC     CCCGGCAACGG-----AA 73
chr-A10.trna33-Glu-CTC     CCCGGCAACGG-----AA 73
chr-B10.trna10-Glu-CTC     CCCGGCAACGG-----AA 73
chr-A01.trna102-Glu-CTC    CCCGGCAACGG-----AA 73
chr-A02.trna21-Glu-CTC     CCCGGCAACGG-----AA 73
chr-A03.trna91-Glu-CTC     CCCGGCAACGG-----AA 73
chr-A01.trna5-Glu-CTC      CCCGGCAACGG-----AA 73
chr-B02.trna113-Glu-CTC    CCCGGCAACGG-----AA 73
chr-B03.trna118-Glu-CTC    CCCGGCAACGG-----AA 73
chr-B03.trna122-Glu-CTC    CCCGGCAACGG-----AA 73
chr-B03.trna264-Glu-CTC    CCCGGCAACGG-----AA 73
chr-B06.trna283-Glu-CTC    CCCGGCAACGG-----AA 73
chr-A04.trna1-Glu-TTC      CCCGGCAACGG-----AA 73
chr-A06.trna79-Glu-CTC     CCCGGCAUCGG-----AA 73
chr-A03.trna5-Glu-CTC      CCCGGCAACGG-----AA 73
chr-B10.trna137-Glu-CTC    CCCGGCACCGG-----AA 73
chr-A09.trna58-Glu-TTC     CCCGGCAACGG-----AA 72
chr-A04.trna84-Glu-TTC     CCCGGCAAUGG-----AA 72
chr-A06.trna14-Glu-TTC     CCCGGCAACGG-----AA 72
chr-B10.trna28-Glu-TTC     CCCGGCAACGG-----AA 72
chr-B07.trna21-Glu-TTC     CCCGGCAACGG-----AA 72
chr-B10.trna253-Glu-TTC    CCCGGCAACGG-----AA 72
chr-A06.trna15-Glu-TTC     CCCGGCAACGG-----AA 72
chr-A07.trna91-Glu-TTC     CCCGGCAACGG-----AA 72
chr-B05.trna127-Glu-TTC    CCCGGCAACGG-----AA 72
chr-A07.trna194-Glu-TTC    CCCGGCAACGG-----AA 72
chr-B03.trna125-Glu-TTC    CCCGGCAACGG-----AA 72
chr-B06.trna19-Glu-TTC     CCCGGCAACGG-----AA 72
chr-A03.trna79-Glu-TTC     CCCGGCAACGG-----AA 72
chr-A07.trna3-Glu-TTC      CCCGGCAACGG-----AA 72
chr-A03.trna73-Glu-TTC     CCCGGCAACGG-----AA 72
chr-B01.trna3-Glu-TTC      CCCGGCAACGC-----AA 72
chr-B03.trna120-Glu-TTC    CCCGGCAACGG-----AA 72
chr-B06.trna20-Glu-TTC     CCCGGCAACGG-----AA 72
chr-B02.trna81-Glu-CTC     CUUAGCAACAA-----AA 73
chr-A03.trna110-Glu-TTC    UCCCCUGGGGG-----UA 73
chr-A08.trna94-Glu-TTC     UCCCCUGGGGG-----UA 73
chr-A07.trna45-Glu-TTC     UCCCCUGGGGG-----UA 73
chr-B10.trna154-Glu-TTC    UCCCCUGGGGG-----UA 73
chr-B03.trna150-Glu-TTC    UCCCCUGGGGG-----UA 73
chr-B06.trna262-Glu-TTC    UCUCCUGGGGG-----UA 73
chr-A02.trna24-Glu-TTC     UCCCCUGGGGG-----UA 73
chr-A06.trna88-Glu-TTC     UCCCCUGGAGU-----AG 73
chr-A06.trna59-Glu-TTC     CCCAGCAAUGGUGCCAAU 77
chr-B09.trna26-Glu-TTC     U-AGGGAACCCAGAACCA 73
                           .........70.......
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