```
                                (((((((..((((........)))).(((((.......)))))....(((((.......
chr-4A.trna16-Gly-TCC     UCCAUUGUCUUCUAGUUGGUUAGGAUAUCUGGCUUCCACCCAGAAGACUUGGGUUCAAAU 60
chr-4A.trna15-Gly-TCC     UCCAUUGUCUUCUAGUUGGUUAGGAUAUCUGGCUUCCACCCAGAAGACUUGGGUUCAAAU 60
chr-4C.trna74-Gly-TCC     UCUAUUGUCGUCUAGUUGGUUAGGAUAUCUGGCUUCCACCUAGAAGACUUGGGUUCAAAU 60
chr-4D.trna79-Gly-TCC     UCUAUUGUCGUCUAGUUGGUUAGGAUAUCUGGCUUCCACCCAGAAGACUCGGGUUCAAAU 60
chr-4C.trna75-Gly-TCC     UCUAUUGUCGUCUAGUUGGUUAGGAUAUCUGGCUUCCACCCAGAAGACUCGGGUUCAAAU 60
chr-4B.trna6-Gly-TCC      GCCAUUGUCGUCUAGUUGGUUAGGAUAUCUGGCUUCCACCUAGAAGACCCGGGUUCAAAU 60
chr-4D.trna80-Gly-TCC     UCCAUUGUCAUCUAGUUGGUUAGGAUAUCAGGCUUCCACCUAGAAGACCCGGGUUCAAAU 60
chr-4B.trna68-Gly-TCC     UCCAUUGUCAUCCAGUUGGUUAUGAUAUCUGGCUUCCACCUAGAAGACUCGGGUUCAAAU 60
chr-1D.trna1-Gly-TCC      GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-2A.trna52-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-7A.trna91-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-6D.trna19-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-7A.trna92-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-7B.trna71-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-7B.trna16-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-2B.trna36-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-6C.trna53-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-7D.trna17-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-2B.trna56-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-1C.trna73-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-6B.trna57-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-2B.trna96-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-2C.trna85-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-5C.trna46-Gly-TCC     GCGUCUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-5A.trna52-Gly-TCC     GCGUCUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-2C.trna119-Gly-TCC    GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-2D.trna4-Gly-TCC      GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-2D.trna75-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-3C.trna68-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-3D.trna65-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGACCCGGGUUCGACU 59
chr-5D.trna41-Gly-TCC     GCGUCUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGAUCCGGGUUCGACU 59
chr-2B.trna57-Gly-TCC     GCGUUUGUAGUCCAA-CAGUUAGGAUAAUUGCCUUCCAAGCAAUAGAGCUGGGUUCGACU 59
chr-6C.trna54-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCUUUCCACGCAAUAGACCCGGGUUCAACU 59
chr-6D.trna18-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCUUUCCACGCAAUAGACCCGGGUUCAACU 59
chr-6D.trna22-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCUUUCCACGCAAUAGACCCGGGUUCAACU 59
chr-6B.trna59-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCUUUCCACGCAAUAGACCCGGGUUCAACU 59
chr-6B.trna52-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCUUUCCACGCAAUAGACCCGGGUUUGACU 59
chr-7B.trna37-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCUUUCCACGCAAUAGACCCGGGUUUGACU 59
chr-6B.trna58-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCUUUCCACGCAAUAGACCCGGGUUCGACU 59
chr-6C.trna49-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCUUUCCACGCAAUAGACCCGGGUUCGACU 59
chr-6D.trna17-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCUUUCCACGCAAUAGACCCGGGUUCGACU 59
chr-6D.trna21-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCUUUCCACGCAAUAGACCCGGGUUCGACU 59
chr-6C.trna55-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCUUUCCACGCAAUAGACCCGGGUUCGACU 59
chr-6D.trna50-Gly-TCC     GCUUUUGUAGUCCAA-CGGUUAGGAUAAUUGCUUUCCACGCAAUAGACCCGGGUUUGACU 59
chr-2D.trna17-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUGCCUUCCAAGCAAUAGA-CCGGGUUCGACU 58
chr-2C.trna56-Gly-TCC     GCGUUUGUAGUCCAA-CGGUUAGGAUAAUUCCUUCCAAGCAAUAGACCCGGUUUCGACU 59
                          .........10........20........30........40........50.........

                          ))))))))))))).
chr-4A.trna16-Gly-TCC     CCCGACAAUGGAA 73
chr-4A.trna15-Gly-TCC     CCCGACAAUGGAA 73
chr-4C.trna74-Gly-TCC     CCCGGCAAUGGAA 73
chr-4D.trna79-Gly-TCC     CCCGGCAAUGGAA 73
chr-4C.trna75-Gly-TCC     CCCGGCAAUGGAA 73
chr-4B.trna6-Gly-TCC      CCUAGCAAUGGAA 73
chr-4D.trna80-Gly-TCC     CCUAGCAAUGGAA 73
chr-4B.trna68-Gly-TCC     CCUACCAAUGGAA 73
chr-1D.trna1-Gly-TCC      CCCGGCAAACGCA 72
chr-2A.trna52-Gly-TCC     CCCGGCAAACGCA 72
chr-7A.trna91-Gly-TCC     CCCGGCAAACGCA 72
chr-6D.trna19-Gly-TCC     CCCGGCAAACGCA 72
chr-7A.trna92-Gly-TCC     CCCGGCAAACGCA 72
chr-7B.trna71-Gly-TCC     CCCGGCAAACGCA 72
chr-7B.trna16-Gly-TCC     CCCGGCAAACGCA 72
chr-2B.trna36-Gly-TCC     CCCGGCAAAUGCA 72
chr-6C.trna53-Gly-TCC     CCCGGCAAACGCA 72
chr-7D.trna17-Gly-TCC     CCCGGCAAACGCA 72
chr-2B.trna56-Gly-TCC     CCCGGCAAACGCA 72
chr-1C.trna73-Gly-TCC     CCCGGCAAACGCA 72
chr-6B.trna57-Gly-TCC     CCCGGCAAACGCA 72
chr-2B.trna96-Gly-TCC     CCCGGCAAACGCA 72
chr-2C.trna85-Gly-TCC     CCCGGCAAACGCA 72
chr-5C.trna46-Gly-TCC     CCCGGCAGACGCA 72
chr-5A.trna52-Gly-TCC     CCCGGCAGACGCA 72
chr-2C.trna119-Gly-TCC    CCCGGCAAACGCA 72
chr-2D.trna4-Gly-TCC      CCCGGCAAACGCA 72
chr-2D.trna75-Gly-TCC     CCCGGCAGACGCA 72
chr-3C.trna68-Gly-TCC     CCCGGCAAACGCA 72
chr-3D.trna65-Gly-TCC     CCCGGCAAACGCA 72
chr-5D.trna41-Gly-TCC     CCCGGCAGACGCA 72
chr-2B.trna57-Gly-TCC     CCCGGCAAACGCA 72
chr-6C.trna54-Gly-TCC     CCCGGCGAACGCA 72
chr-6D.trna18-Gly-TCC     CCCGGCGAACGCA 72
chr-6D.trna22-Gly-TCC     CCCGGCGAACGCA 72
chr-6B.trna59-Gly-TCC     CCCGGCGGACGCA 72
chr-6B.trna52-Gly-TCC     CCCGGCGAACGCA 72
chr-7B.trna37-Gly-TCC     CCCGGCGAACGCA 72
chr-6B.trna58-Gly-TCC     CCCGGCGAACGCA 72
chr-6C.trna49-Gly-TCC     CCCGGCGAACGCA 72
chr-6D.trna17-Gly-TCC     CCCGGCGAACGCA 72
chr-6D.trna21-Gly-TCC     CCCGGCGAACGCA 72
chr-6C.trna55-Gly-TCC     CCCGGCGGACGCA 72
chr-6D.trna50-Gly-TCC     CCCGGCGAACGCA 72
chr-2D.trna17-Gly-TCC     CCCGGCAAACGCA 71
chr-2C.trna56-Gly-TCC     CCCGGCAAACGCA 72
                          .........70..
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