```
                         ((((((((((((.....))))))((.(.(((((.........)))))).).))))))))..
chr-1.trna80-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-2.trna20-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-3.trna41-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-16.trna23-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-16.trna21-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-15.trna41-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-14.trna38-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-14.trna24-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-14.trna23-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-4.trna17-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-4.trna37-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-13.trna21-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-13.trna20-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-13.trna19-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-12.trna23-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-5.trna48-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-11.trna12-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-6.trna26-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-11.trna10-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-8.trna41-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-8.trna24-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-7.trna57-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-7.trna61-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-4.trna25-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-7.trna67-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUU- 57
chr-3.trna1-Ile-AAT      UGCCUAUUAGCUCAGUUGGUUAGAGCGUUGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-16.trna24-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-3.trna11-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUACAGCGUCGUGCUAAU--AACGCGAAGGUCGCAGGUUC- 57
chr-13.trna34-Ile-AAT    GGUCUAUUAUCUCAGUUGCUUAGAGCGUCGUGCUAAU--AAUGCGAAGGUAGCAGGUUC- 57
chr-11.trna11-Ile-AAT    GGCCUAUUAUCUUAGCUGGUUAGAGUGUCGUGCUAAU--AACACGAAGGUCGCAAGUUC- 57
chr-12.trna22-Ile-AAT    GGCCUAUUUGCUCAGUUGGUUAGAGCGUCGUGCUAAU--AACGCGAAGGUCGCAUGUUCG 58
chr-14.trna20-Ile-AAT    GGGGAUGUAGCUCAAUUGG-UAGAGCACUAUUCAAAUGCAUGAUAGAGGCAUGGGGUUC- 58
                         .........10........20........30........40........50.........
                         ...))))))))))))))).
chr-1.trna80-Ile-AAT     -GAGACCUGCAUGGGCCA 74
chr-2.trna20-Ile-AAT     -GAGACCUGCAUGGGCCA 74
chr-3.trna41-Ile-AAT     -GAGACCUGCAUGGGCCA 74
chr-16.trna23-Ile-AAT    -GAGACCUGCAUGGGCCA 74
chr-16.trna21-Ile-AAT    -GAGACCUGCAUGGGCCA 74
chr-15.trna41-Ile-AAT    -GAGACCUGCAUGGGCCA 74
chr-14.trna38-Ile-AAT    -GAGACCUGCAUGGGCCA 74
chr-14.trna24-Ile-AAT    -GAGACCUGCAUGGGCCA 74
chr-14.trna23-Ile-AAT    -GAGACCUGCAUGGGCCA 74
chr-4.trna17-Ile-AAT     -GAGACCUGCAUGGGCCA 74
chr-4.trna37-Ile-AAT     -GAGACCUGCAUGGGCCA 74
chr-13.trna21-Ile-AAT    -GAGACCUGCAUGGGCCA 74
chr-13.trna20-Ile-AAT    -GAGACCUGCAUGGGCCA 74
chr-13.trna19-Ile-AAT    -GAGACCUGCAUGGGCCA 74
chr-12.trna23-Ile-AAT    -GAGACCUGCAUGGGCCA 74
chr-5.trna48-Ile-AAT     -GAGACCUGCAUGGGCCA 74
chr-11.trna12-Ile-AAT    -GAGACCUGCAUGGGCCA 74
chr-6.trna26-Ile-AAT     -GAGACCUGCAUGGGCCA 74
chr-11.trna10-Ile-AAT    -GAGACCUGCAUGGGCCA 74
chr-8.trna41-Ile-AAT     -GAGACCUGCAUGGGCCA 74
chr-8.trna24-Ile-AAT     -GAGACCUGCAUGGGCCA 74
chr-7.trna57-Ile-AAT     -GAGACCUGCAUGGGCCA 74
chr-7.trna61-Ile-AAT     -GAGACCUGCAUGGGCCA 74
chr-4.trna25-Ile-AAT     -GAAACCUGCAUGGGCCA 74
chr-7.trna67-Ile-AAT     -GAGACCUGCAUGGGCCA 74
chr-3.trna1-Ile-AAT      -GAGACCUGCAUGGGCCA 74
chr-16.trna24-Ile-AAT    -UAGACCUUCAUGGGCCA 74
chr-3.trna11-Ile-AAT     -GAGACCUGCAUGCGCCA 74
chr-13.trna34-Ile-AAT    -GAGGCCUGCAUGGGCCA 74
chr-11.trna11-Ile-AAT    -GAGACCUGCACAGGCCA 74
chr-12.trna22-Ile-AAT    AGAGACCUGCAUGGGCCA 76
chr-14.trna20-Ile-AAT    -GAUUCCUCGCAUCUUCA 75
                         .........70.......
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