```
                                ((((((((((((.....))))))(((.(((((.......)))))).).)))))).....
chr-B2.trna78-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAU 60
chr-B3.trna73-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAU 60
chr-B3.trna74-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAU 60
chr-B5.trna25-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAU 60
chr-B5.trna26-Ile-AAT     GGCCUAUUAGCUCAGCUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAU 60
chr-B2.trna38-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-B2.trna115-Ile-AAT    GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACACGAAGGUCGCAGGUUCGAA 60
chr-B2.trna39-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-B5.trna52-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-B5.trna98-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-B6.trna15-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-B7.trna112-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-B8.trna31-Ile-AAT     GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-B8.trna149-Ile-AAT    GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-B8.trna150-Ile-AAT    GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-B8.trna5-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-B8.trna148-Ile-AAT    GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-B1.trna68-Ile-AAT     GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-B2.trna69-Ile-AAT     GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-B8.trna3-Ile-AAT      GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-B7.trna81-Ile-AAT     GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-B3.trna37-Ile-AAT     GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-B4.trna90-Ile-AAT     GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-B6.trna11-Ile-AAT     GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-B4.trna98-Ile-AAT     GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-B4.trna108-Ile-AAT    GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-B8.trna133-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAU 60
chr-B7.trna164-Ile-AAT    GGCCUAUUAUCUCAAUUGGUUAGAGCGUCGUGCUAAUAACGCGAAUGUCAUAGGUUCGAA 60
chr-B8.trna132-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAU 60
chr-B8.trna145-Ile-AAT    GUUUCAUUAGGUCAGUUGGUUAGAGCGUCGUGCUAAUAACCAGAAUGUCACAGGUUCGAA 60
chr-B8.trna16-Ile-AAT     GCCCCAUUAGCUUAGCUGGUUAGAGCGUCGUGUUAAUAACGCGAAGAUCACAGGUUCGAU 60
chr-B7.trna1-Ile-AAT      GGCCUAUUAGCUCGGUUGGUUAGAGUGUCUCGCUAAUAACGCGAAGGUCAAAUGUUCGAA 60
chr-B5.trna17-Ile-AAT     GGCCUAUUAUCUCAGCUGGUUAGAGCCUCACGCUAAUAAUAUGAAGGUCACAGGUU-AAA 59
chr-B7.trna168-Ile-AAT    GGCAUAUUAGCUCAGUUGGUUAGAGCGUUGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-B5.trna91-Ile-AAT     UGCCUAUUAGCUCAGCUGGUUAAGCGUCACGCUAAUAACGUGAAUGUC-----UUCGAU 55
                          .........10........20........30........40........50.........

                          ))))))).......)))))))
chr-B2.trna78-Ile-AAT     CCCUGU-------AUAGGCCA 74
chr-B3.trna73-Ile-AAT     CCCUGU-------AUAGGCCA 74
chr-B3.trna74-Ile-AAT     CCCUGU-------AUAGGCCA 74
chr-B5.trna25-Ile-AAT     CCCUGU-------AUAGGCCA 74
chr-B5.trna26-Ile-AAT     CCCUGU-------AUAGGCCA 74
chr-B2.trna38-Ile-AAT     ACCUGU-------AUAGGCCA 74
chr-B2.trna115-Ile-AAT    ACCUGC-------AUGGGCCA 74
chr-B2.trna39-Ile-AAT     ACCUGU-------AUAGGCCA 74
chr-B5.trna52-Ile-AAT     ACCUGU-------AUAGGCCA 74
chr-B5.trna98-Ile-AAT     ACCUGU-------AUAGGCCA 74
chr-B6.trna15-Ile-AAT     ACCUGU-------AUAGGCCA 74
chr-B7.trna112-Ile-AAT    ACCUGU-------AUAGGCCA 74
chr-B8.trna31-Ile-AAT     ACCUGU-------AUAGGCCA 74
chr-B8.trna149-Ile-AAT    ACCUGU-------AUGGGCCA 74
chr-B8.trna150-Ile-AAT    ACCUGU-------AUGGGCCA 74
chr-B8.trna5-Ile-AAT      ACCUGU-------AUGGGCCA 74
chr-B8.trna148-Ile-AAT    ACCUGU-------AUGGGCCA 74
chr-B1.trna68-Ile-AAT     ACCUGC-------AUGGGCCA 74
chr-B2.trna69-Ile-AAT     ACCUGC-------AUGGGCCA 74
chr-B8.trna3-Ile-AAT      ACCUGC-------AUGGGCCA 74
chr-B7.trna81-Ile-AAT     ACCUGC-------AUGGGCCA 74
chr-B3.trna37-Ile-AAT     ACCUGC-------AUGGGCCA 74
chr-B4.trna90-Ile-AAT     ACCUGC-------AUGGGCCA 74
chr-B6.trna11-Ile-AAT     ACCUGC-------AUGGGCCA 74
chr-B4.trna98-Ile-AAT     ACCUGC-------AUGGGCCA 74
chr-B4.trna108-Ile-AAT    ACCUGC-------AUGGGCCA 74
chr-B8.trna133-Ile-AAT    CCCUGU-------AUAUGCCA 74
chr-B7.trna164-Ile-AAT    ACCUGU-------AUAGGCCA 74
chr-B8.trna132-Ile-AAT    CCCUGUAU---GUAUAGGCCA 78
chr-B8.trna145-Ile-AAT    CCCUGU-------AUGAGACA 74
chr-B8.trna16-Ile-AAT     CCCUUU-------AUGAGGCA 74
chr-B7.trna1-Ile-AAT      ACUUUA-------AUAGGCCA 74
chr-B5.trna17-Ile-AAT     UCCUGU-------AUAGGCUG 73
chr-B7.trna168-Ile-AAT    ACCUGUAUAGACCAUUUGUCA 81
chr-B5.trna91-Ile-AAT     CCCUGU-------AUAGGCCA 69
                          .........70........80
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