```
                                 ((((((((((((.....))))))(((.(((((.......)))))).).))))))......
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.trna148-Ile-AAT   GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-B8.trna5-Ile-AAT     GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-B1.trna68-Ile-AAT    GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-B2.trna69-Ile-AAT    GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-B3.trna37-Ile-AAT    GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-B4.trna90-Ile-AAT    GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-B7.trna81-Ile-AAT    GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-B4.trna98-Ile-AAT    GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-B4.trna108-Ile-AAT   GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-B8.trna3-Ile-AAT     GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-B6.trna11-Ile-AAT    GGCCCAUUAGCUCAGUUGGUUAGAGCGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-B8.trna53-Ile-TAT    GGUCCCGUAGCUCAGUUGGUUAGAGCGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCGAG 60
chr-B5.trna106-Ile-TAT   GGUCCCGUAGCUCAGUUGGUUAGAGCGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCGAG 60
chr-B5.trna55-Ile-TAT    GCUCCCGUAGCUCAGUUGGUUAGAGCGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCGAG 60
chr-B6.trna1-Ile-TAT     GCUCCCGUAGCUCAGUUGGUUAGAGCGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCGAG 60
chr-B6.trna23-Ile-TAT    GGUCCCGUAGCUCAGUUGGUUAGAGCGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCGAG 60
chr-B4.trna100-Ile-TAT   GGUCCCGUAGCUCAGUUGGUUAGAGCGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCGAG 60
chr-B1.trna11-Ile-TAT    UUCCCCGUAGCUCAGUUGGUUAGAGCGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCGAG 60
chr-B1.trna35-Ile-TAT    GCUCCCGUAGCUCAGUUGGUUAGAGCGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCGAG 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    UGCCUAUUAGCUCAGCUGGUUAAAGCGUCACGCUAAUAACGUGAAUGUC-----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.trna148-Ile-AAT   ACCUGU-------AUGGGCCA 74
chr-B8.trna5-Ile-AAT     ACCUGU-------AUGGGCCA 74
chr-B1.trna68-Ile-AAT    ACCUGC-------AUGGGCCA 74
chr-B2.trna69-Ile-AAT    ACCUGC-------AUGGGCCA 74
chr-B3.trna37-Ile-AAT    ACCUGC-------AUGGGCCA 74
chr-B4.trna90-Ile-AAT    ACCUGC-------AUGGGCCA 74
chr-B7.trna81-Ile-AAT    ACCUGC-------AUGGGCCA 74
chr-B4.trna98-Ile-AAT    ACCUGC-------AUGGGCCA 74
chr-B4.trna108-Ile-AAT   ACCUGC-------AUGGGCCA 74
chr-B8.trna3-Ile-AAT     ACCUGC-------AUGGGCCA 74
chr-B6.trna11-Ile-AAT    ACCUGC-------AUGGGCCA 74
chr-B8.trna53-Ile-TAT    CCCGC--------CGGGACCA 74
chr-B5.trna106-Ile-TAT   CCCGC--------CGGGACCA 74
chr-B5.trna55-Ile-TAT    CCCGC--------CGGGAGCA 74
chr-B6.trna1-Ile-TAT     CCCGC--------CGGGAGCA 74
chr-B6.trna23-Ile-TAT    CCCGC--------CGGGACCA 74
chr-B4.trna100-Ile-TAT   CCCGC--------CGGGACCA 74
chr-B1.trna11-Ile-TAT    CCCGC--------CGGGGAAA 74
chr-B1.trna35-Ile-TAT    CCCGC--------CGGGGGCA 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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