```
                                                  ((((((((((((.....))))))(((.(((((.......)))))).).))))))......
chr-A6.trna38-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-A6.trna69-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-A7.trna43-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-A8.trna21-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-A9.trna60-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-A6.trna70-Ile-AAT    GGCCCAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-A6.trna15-Ile-AAT    GGCCCAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-A9.trna172-Ile-AAT   GGCCCAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-A8.trna42-Ile-AAT    GGCCCAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-A10.trna9-Ile-AAT    GGCCCAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-A9.trna71-Ile-AAT    GGCUCAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-A2.trna105-Ile-AAT   GGCCCAUUAGCUCAGUUGGUUAGAACGGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-A10.trna15-Ile-AAT   GCCCCAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-A1.trna2-Ile-AAT     GGCCCAUUAGCUCAGUUUGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
chr-A7.trna70-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAUGUCACAGGUUCGAA 60
chr-A7.trna98-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAA 60
chr-A1.trna58-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAU 60
chr-A2.trna15-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAU 60
chr-A2.trna16-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAU 60
chr-A4.trna16-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAU 60
chr-A4.trna17-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAU 60
chr-A4.trna55-Ile-AAT    GGCCUAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAU 60
chr-A10.trna56-Ile-AAT   GGCCUAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAU 60
chr-A9.trna116-Ile-AAT   GGCCUAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAU 60
chr-A10.trna55-Ile-AAT   GGCCUAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAU 60
chr-A3.trna13-Ile-AAT    GGCCUAUUAGCUCAGCUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAGGUUCGAU 60
chr-A1.trna21-Ile-TAT    GCUCCCGUAGCUCAGUUGGUUAGAGCGGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCAAG 60
chr-A1.trna38-Ile-TAT    GGUCCCGUAGCUCAGUUGGUUAGAGCGGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCGAG 60
chr-A8.trna58-Ile-TAT    GGUCCCGUAGCUCAGUUGGUUAGAGCGGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCGAG 60
chr-A9.trna32-Ile-TAT    GGUCCCGUAGCUCAGUUGGUUAGAGCGGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCGAG 60
chr-A8.trna127-Ile-TAT   GGUCCCGUAGCUCAGUUGGUUAGAGCGGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCGAG 60
chr-A8.trna126-Ile-TAT   GGUCCCGUAGCUCAGUUGGUUAGAGCGGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCGAG 60
chr-A6.trna97-Ile-TAT    GCUCCCGUAGCUCAGUUGGUUAGAGCGGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCGAG 60
chr-A9.trna98-Ile-TAT    GGUCCCGUAGCUCAGUUGGUUAGAGCGGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCGAG 60
chr-A8.trna101-Ile-TAT   GCUCCCGUAGCUCAGUUGGUUAGAGCGGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCGAG 60
chr-A5.trna18-Ile-TAT    GCUCCCGUAGCUCAGUUGGUUAGAGCGGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCGAG 60
chr-A3.trna83-Ile-TAT    UUCCCCGUAGCUCAGUUGGUUAGAGCGGUUGGUCUUAUGAGCCGAAGGUCGCGGGUUCGAG 60
chr-A6.trna39-Ile-AAT    GGCCCAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGGCACAGGUUCGAU 60
chr-A9.trna171-Ile-AAT   GGCCUAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCACAUGUUCGAA 60
chr-A3.trna114-Ile-AAT   GGCCCAUUAUCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGUGAAGGUCGCAGGUUCGAA 60
chr-A7.trna85-Ile-AAT    GGCCCAUUAGCUCAGUUGGUUAGAGCGGUCGUGCUAAUAACGCGAAGGUCGCAAGUUCGAA 60
chr-A8.trna44-Ile-AAT    GGUUUCGUGGUGUAGUUGGUUAUCACGGUCAGUCUAAUACACUGAAGGUCUCCGGUUCGAA 60
chr-A5.trna28-Ile-TAT    GUUCCCGUAGCUCAGUUGGUUAGAGCGGUUGCUCUUAUGAGCCGAAGGUCGCGGGUUCGUU 60
chr-A2.trna69-Ile-AAT    GAACCAUUGGCUCAGUUGGUUAGAGCGUUGUGCUAAUAACGCGAAGGUCGCAGGUUCGAA 60
                         .........10........20........30........40........50.........
                                                  .))))))))))))).
chr-A6.trna38-Ile-AAT    ACCUGUAUAGGCCA 74
chr-A6.trna69-Ile-AAT    ACCUGUAUAGGCCA 74
chr-A7.trna43-Ile-AAT    ACCUGUAUAGGCCA 74
chr-A8.trna21-Ile-AAT    ACCUGUAUAGGCCA 74
chr-A9.trna60-Ile-AAT    ACCUGUAUAGGCCA 74
chr-A6.trna70-Ile-AAT    ACCUGUAUGGGCCA 74
chr-A6.trna15-Ile-AAT    ACCUGCAUGGGCCA 74
chr-A9.trna172-Ile-AAT   ACCUGCAUGGGCCA 74
chr-A8.trna42-Ile-AAT    ACCUGCAUGGGCCA 74
chr-A10.trna9-Ile-AAT    ACCUGCAUGGGCCA 74
chr-A9.trna71-Ile-AAT    ACCUGUAUGGGCCA 74
chr-A2.trna105-Ile-AAT   ACCUGCAUGGGCCA 74
chr-A10.trna15-Ile-AAT   ACCUGUAUGAGGCA 74
chr-A1.trna2-Ile-AAT     ACCUGCAUGGGCCA 74
chr-A7.trna70-Ile-AAT    ACCUGUAUAGGCCA 74
chr-A7.trna98-Ile-AAT    ACCUAUAUAGGCCA 74
chr-A1.trna58-Ile-AAT    CCCUGUAUAGGCCA 74
chr-A2.trna15-Ile-AAT    CCCUGUAUAGGCCA 74
chr-A2.trna16-Ile-AAT    CCCUGUAUAGGCCA 74
chr-A4.trna16-Ile-AAT    CCCUGUAUAGGCCA 74
chr-A4.trna17-Ile-AAT    CCCUGUAUAGGCCA 74
chr-A4.trna55-Ile-AAT    CCCUGUAUAGGCCA 74
chr-A10.trna56-Ile-AAT   CCCUGUAUAGGCCA 74
chr-A9.trna116-Ile-AAT   CCCUGUAUAGGCCA 74
chr-A10.trna55-Ile-AAT   CCCUGUAUAGGCCA 74
chr-A3.trna13-Ile-AAT    CCCUGUAUAGGCCA 74
chr-A1.trna21-Ile-TAT    CCCCGCCGGGAGCA 74
chr-A1.trna38-Ile-TAT    CCCCGCCGGGACCA 74
chr-A8.trna58-Ile-TAT    CCCCGCUGGGACCA 74
chr-A9.trna32-Ile-TAT    CCCCGCCGGGACCA 74
chr-A8.trna127-Ile-TAT   CCCCGCCGGGACCA 74
chr-A8.trna126-Ile-TAT   CCCCGCCGGGACCA 74
chr-A6.trna97-Ile-TAT    CCCCGCCGGGAGCA 74
chr-A9.trna98-Ile-TAT    CCCCGCCGGGACCA 74
chr-A8.trna101-Ile-TAT   CCCCGCCGGGAGCA 74
chr-A5.trna18-Ile-TAT    CCCCGCCGGGAGCA 74
chr-A3.trna83-Ile-TAT    CCCCGCCGGGGAAA 74
chr-A6.trna39-Ile-AAT    CCCUGUAUGGGCCA 74
chr-A9.trna171-Ile-AAT   ACCUGUAUAGGCCA 74
chr-A3.trna114-Ile-AAT   ACCUGCAUGGGCCA 74
chr-A7.trna85-Ile-AAT    ACCCAUAUGGGCCA 74
chr-A8.trna44-Ile-AAT    CCCGGGCGAAGCCA 74
chr-A5.trna28-Ile-TAT    CCCCGCCGGGAACA 74
chr-A2.trna69-Ile-AAT    ACCUGCAUGGGCCA 74
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