```
                                 (((((((....(((..........)))(((((((....).)))))))(((....)))))..
chr-06.trna86-Leu-TAA    GCUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACAGAAGUGC-G 57
chr-10.trna44-Leu-TAA    GCUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUUUUCUGCACAUAAGUGC-G 57
chr-03.trna2-Leu-TAA     GCUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGC-G 57
chr-10.trna35-Leu-TAA    GCUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGC-G 57
chr-06.trna102-Leu-TAA   GGUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGC-G 57
chr-15.trna148-Leu-TAA   GCUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGC-G 57
chr-15.trna149-Leu-TAA   GCUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGC-G 57
chr-06.trna88-Leu-TAA    GCUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGC-G 57
chr-06.trna233-Leu-TAA   GCUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGC-G 57
chr-07.trna24-Leu-TAA    GCUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACACAAGUGC-G 57
chr-07.trna23-Leu-TAA    GCUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACACAAGUGC-G 57
chr-06.trna87-Leu-TAA    GCUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACACAAGUGC-G 57
chr-06.trna89-Leu-TAA    GCUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACACAAGUGC-G 57
chr-03.trna112-Leu-TAA   GCUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACAAAAGUGC-G 57
chr-06.trna197-Leu-TAA   GCUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACACAAGUGC-G 57
chr-10.trna61-Leu-TAA    GCUAGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGC-G 57
chr-06.trna196-Leu-TAA   GCUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGC-G 57
chr-03.trna82-Leu-TAA    GCUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACGUAAGUGC-G 57
chr-10.trna40-Leu-TAA    GUUAGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGC-A 57
chr-03.trna70-Leu-TAA    GCUGGUUU--GCCCGAGUGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGC-G 57
chr-07.trna94-Leu-TAA    GGUGGUUU--GCCCGAGUGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGC-G 57
chr-09.trna19-Leu-TAA    GCUGGUUU--GCCCGAGUGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGC-G 57
chr-12.trna71-Leu-TAA    GCUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACACAAGUGU-G 57
chr-03.trna83-Leu-TAA    GUUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUCCUGCACAAAAGUGC-G 57
chr-10.trna71-Leu-TAA    GUUGGUUU--GCCCGAGAGGUUAAGGGGGAAGAUUUAAGAUCUUCUGCACAUAAGUGUUG 58
chr-05.trna145-Leu-TAA   GCUGGUUU--GCCCGAGAGGUUAAGGGGGAAGACUUAAGAUCUUCUGCACAAAAGUGC-G 57
chr-09.trna107-Leu-TAA   GCGUUUGUAGGGCUCAGUGGAUAGAGCGCUGUU-UCCUUAAGCAG------AAAGU---- 49
                         .........10........20........30........40........50.........

                         .(((((.......)))))))))))).
chr-06.trna86-Leu-TAA    CAUGGGUUCGAACCCCAUAGCCAGCA 83
chr-10.trna44-Leu-TAA    CGUGGGUUCGAACCCCACAGCCAGCA 83
chr-03.trna2-Leu-TAA     CGUGGGUUCGAACCCCACAGCCAGCA 83
chr-10.trna35-Leu-TAA    CGUGGGUUCGAACCCCACAGCCAGCA 83
chr-06.trna102-Leu-TAA   CGUGGGUUCGAACCCCACAGCCACCA 83
chr-15.trna148-Leu-TAA   CAUGGGUUCGAACCCCAUAGCCAGCA 83
chr-15.trna149-Leu-TAA   CAUGGGUUCGAACCCCAUAGCCAGCA 83
chr-06.trna88-Leu-TAA    CAUGGGUUCGAACCCCAUAGCCAGCA 83
chr-06.trna233-Leu-TAA   CAUGGGUUCGAACCCCAUAGCCAGCA 83
chr-07.trna24-Leu-TAA    CAUGGGUUCGAACCCCAUAGCCAGCA 83
chr-07.trna23-Leu-TAA    CAUGGGUUCGAACCCCAUAGCCAGCA 83
chr-06.trna87-Leu-TAA    CAUGGGUUCGAACCCCAUAGCCAGCA 83
chr-06.trna89-Leu-TAA    CAUGGGUUCGAACCCCAUAGCCAGCA 83
chr-03.trna112-Leu-TAA   CAUGGGUUCGAACCCCAUAGCCAGCA 83
chr-06.trna197-Leu-TAA   CAUGGGUUUGAACCCCAUAGCCAGCA 83
chr-10.trna61-Leu-TAA    CGUGGGUUUGAACCCCACAGCUAGCA 83
chr-06.trna196-Leu-TAA   CAUGGGUUUGAACCCCAUAGCCAGCA 83
chr-03.trna82-Leu-TAA    CAUGGGUUCGAACCCCAUAGCCAGCA 83
chr-10.trna40-Leu-TAA    UGUGGGUUCGAACCCCACAGCUAGCA 83
chr-03.trna70-Leu-TAA    CGUGGGUUCGAACCCCACAGCCAGCA 83
chr-07.trna94-Leu-TAA    CGUGGGUUCGAACCCCACAGCCACCA 83
chr-09.trna19-Leu-TAA    CGUGGGUUCAAACCCCACAGCCAGCA 83
chr-12.trna71-Leu-TAA    CAUGGGUUCGAACCCCAUAGCCAGCA 83
chr-03.trna83-Leu-TAA    CAUGGGUUCGAACCCCAUAGCCAGCA 83
chr-10.trna71-Leu-TAA    CGUGGGUUCGAACUCCACAGCCAGCA 84
chr-05.trna145-Leu-TAA   CAUGGGUUCGAACCCCAUAGCCAACA 83
chr-09.trna107-Leu-TAA   CGUAGGUU-GACCCCUACCUGACGCG 74
                         .........70........80.....
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