```
                                   1111111111111111111112222222222222222222222222222222222222222333333333333333333
                         1111222233333333355666666667778890000011111222233344445555677788888999900000111222233344 5
                        79014546781234235675812345679047896034581245812691361479027872340467814681356838914670342 31
#Mafa-G-gen8            TTGGTCACTTCCAAGAGCTTGAGGTAAGCTGTACGATCGGAGAGGCTTGGCA-CCCTGCCTCACCCCTGTAGGGATCCTGGCTTCTGTGCG
#Mafa-K-gen8            ........AG.....................C..A.AG....T......A..C..T.........T..................T......
#Mafa-G-gen5b           ........AG.....................C..A.AG....T......A..C..T.........T..................T......
#Mafa-G-gen4            ........AG.......AC...........AC....A..C.......C....C.......C....T................C.......
#Mafa-K-gen9            ........AG.......AC...........AC....A..C.......C....C.......C....T................C.......
#Mamu-3C-gen-MIB3       ........AG.......AC...........AC....A..C.......C....C.......C....T................C.......
#Mamu-2B-gen4           ........AG.A..................AC....A.........C....C.............A.....CG.T.............
#Mamu-2B-gen6           ........AG.......AC...........ACG.A.A.........C....C.......C..T..A......CG.T...A.........
#Mafa-G-gen2            ........AG.............AA......CG.A.A..-GA.....C....C...................CG.T.........A....
#Mafa-K-gen1            ........AG.............AA......CG.A.A..-GA.....C....C...................CG.T.........A....
#Mamu-2B-gen2           ........AG............A......ACG...A.A.......C.....C............T..A.....................
#Mafa-K-gen7            ........AG...................ACG...A.........C.....C..G.........T..A....A............C...
#Mamu-2B-gen9           .....G..AG...................ACG...A.........C.....C..G.........T..A....A............C...
#Mafa-G-gen3            .....G..AG...................ACG...A...-.........C............T..A....A.......T.........
#Mafa-K-gen5            ........AG...................ACG...A.........C.....C............T.......A................
#Mamu-2B-gen5           ........AG...................ACG...A.........C.A...C............T.......A..Y............T.
#Mamu-3C-gen-MIB5(8)....AG...................ACG...A.........C.....C............T.......A................
#Mafa-B-gen9            ........AG...................ACG...A.........C.....C............T..A............A........
#Mamu-3C-gen-MIB4       .......GAG...................ACG...A.........C.....G............T.....A.......A.A........
#Mamu-2B-gen-8          ........AG...................ACG...A.........C.....CTT.C........T...............A........
#Mafa-B-gen6            ........AG..........C........ACG...A...-....C.....C............T........................
#Mafa-B-gen7            ........AG...G...............ACG...A.........C.....C............T........................
#Mafa-G-gen7            ........AG...G...............ACG...A.........C.....C.....T........................
#Mafa-G-gen5            ........AG...G...............ACG...A.........C.....C....AT.......................A.......
#Mafa-K-gen3            ........AG...G...............ACG...A.........C.....C....AT.......................A.......
#Mafa-G-gen6            ........AG...................ACG...A......C........C....A.......T.......A................
#Mamu-3C-gen-MIB1       ........AG...G.T.............ACG...A...---------...-............T..A....A................
#Mafa-K-gen4            ........AG...G.T.............ACG...A...---------...-............T..A....A................
#Mamu-3C-gen9           ........AG............A......ACG.A.A......C..C.....C...........TT..A....C...T.............
#Mafa-B-gen8            ........AG............A......ACG.A.A......C..C.....C...........TT..A....C...T.............
#Mafa-B-gen4            ........AG...................ACG.A.A......C..C.....C...........TT..A...CC...T.............
#Mafa-B-gen3            ........AG...................ACG.A.A......C..C.....C...........TT..A...CC...T.............
#Mafa-B-gen2            ........AG..C...........G.....ACG...A.........C....C........TC..T..A....C........G.....A..
#Mamu-3C-gen8           ........AG..C...........G.....ACG...A.........C....C........TC..T..A....C........G.....A..
#Mafa-B-gen1            ........AG..C...........G.....ACG...A.........C....C......A.TC..T..A....C........G.....A..
#Mafa-B-gen5            ........AG.............C.....ACG.A.A.........C..G.C........TC..T.......C................
#Mamu-3C-gen-MIB7       ........AG.............C.....ACG.A.A.........C..G.C........TC..T.......C................
#Mafa-G-gen11           ........AG.............C.....ACG.A.A.........C....C........TC..T.......C...T............
#Mafa-G-gen1            ........AG.............C.....ACG.A.A.........C....C........TC..T.......C...T............A
#Mafa-K-gen2            ........AG.............C.....ACG.A.A.........C....C........TC..T.......C...T............A
#Mamu-3C-genMIB6        ........AG...............CAACACG...A.........C....C............T.......C....C......C.....
#Mamu-2B-gen7           C.AT....AG......AA........C.A.ACGG..A......CA.......-............T.......C................
#Mamu-2B-gen3           ...TC...AG.....................CG...A.........C....C........--....C.....C...............T.
#Mafa-G-gen10           ...T..C.AG.....................CG...A........A.....C....................C................
#Mafa-K-gen6            ..............................................-.....................................
#Mamu_MIB2              ..A.....AG....C..AC............CG..GA.AC.....T.C....C....................A...............T.
#Mamu_MIB5(8)           ........AG...................ACG...A.........C.....C............T.......A................
#Mamu_MIB9              .......GAG...................ACG...A...-....C.....G............T...............A........
#Mamu_MIB10             .......GAG...................ACG...A.........C.....C............T.....................C..
#Mamu_MIB12             ........AG...................ACG.A.A......C..C.....C...........TT..A...CC...T.............
#Mamu_MIB11             ........AG...............GC.A.ACG.A.A.........C....C........TC..T.......C................
#Ptr                    ..A.....AG....T..A...T......A.ACG...A.............GC........T..T...C...C.C.....A........
#Gor                    ..A.....AG....T..A.G.T......A.ACG...A.............GC........T..T...C...C.C.....A........
#Hsa                    .CA.....AGT...T..A...C......A.ACG...A.............GC........T..T...CG.AC.C.....A........
```