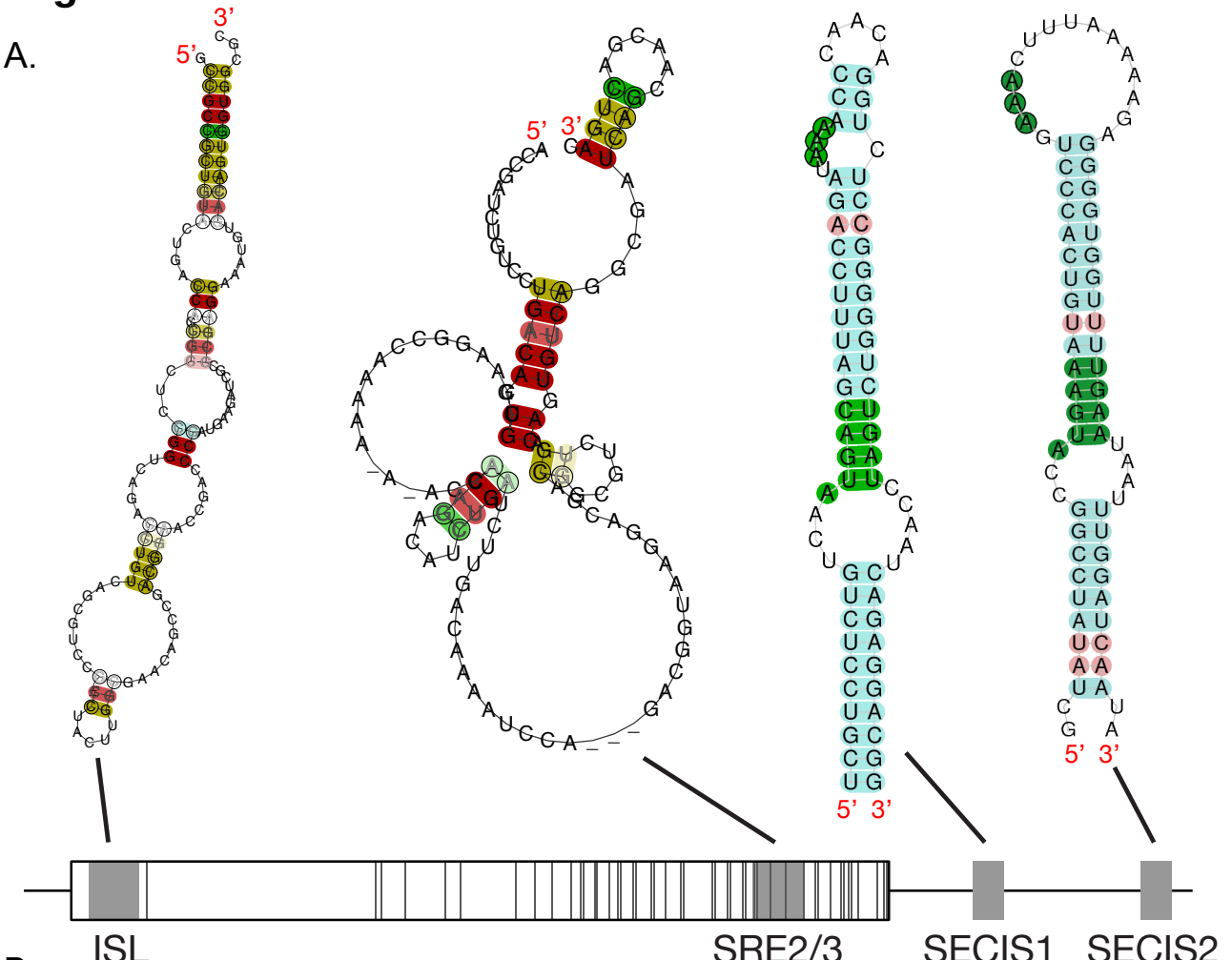
Figure S4



B.

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                                   10        20        30        40        50        60        70        80        90       100       110       120
                          Cgigas ACCGCCGCTGTTCTGTCCTCCGCCCTCGGCCAGACTTGTCAGAGGTCGACGCTTCCTTGGCGAACAGCCGACGGAACCGACCCTGTGAAAATGGCGCGAGGAAACGTGACGGTGGTGGCGC
                        Cvirginica ACCGCCGCTGTACTGACCTCCGCCCTAGGTCAGACCTGTCAGAGGTCGATGCCTCCTTGGCAAACCGCCGACGGAACCGACCCTCTGAAGATGGCGCGAGGAAATGTAACAGTGGTGGCGC
                   MgalloprovincialisGCTGCTGCTTTACTTGTCAGCGTATCTGGAAGGTTCTGTCAGGATCCA---CCAACCTGGCGAACCCCCAGTGGAGATCAGCCGATGCTGGACACTCGTGGCCAAAGTTACAGTAGTGGCAC
                       Bplatifrons GCCGCCGCTGTTCTAGCCAGCGCATACGGTAGATTCTGTGAACGCCCT---CCTGTTTGG---ACTGCGAGCGGAGTACAACCGATGATAAATACGCGTGGCAAAGTAACAGTGGTGGCAT
                      Pmartensii.2 GCCGCCGCTGTCTTCATCGCCGCTTCCGGTCAGAAATGTGAACTTCCG---CCCACGTGGCGGGCAGAAGACAATTCTGCACCGATGTTTAGCGTGCGAGGGAATGTGACAGTGGTGGCCC
                       Myessoensis GCCGCCATTCTCGTTGCCACCGCATGCGGACAACGCTGTACCCGTCCT---CCAATATGGAGGACGGTGAACGGCACAAGTCCCATGCAGGAATCGGAAGGCAACGTACGAGTGGTGGCGC
                 Reference Positions GCCGCCGCUGUACUGACCACCGCCUCCGGUCAGACCUGUCAGCGUCCG___CCUACUUGGCGAACAGCCGACGGAACCGACCCGAUGAAGAUCGCGCGAGGAAAUGUGACAGUGGUGGCGC
                   Secondary Structure .(((((((((((....((((.((((...((((.....((((.........((...(((.....)))..........))))).....)))...........))))))).....))))))))))...
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C.

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                                   10        20        30        40        50        60        70        80        90       100       110       120
                          Cgigas TCTAATCTTTCTTGACAGTGCCAAGACTCAACACAGACTACCGAGACCTGATACTGTCAAACACCTGTAGACTCCACCAACGACTCTGTCTGACAGTGTCGTGCAGTCAGTGGGTCTTGAC
                        Cvirginica TCTAATATGTCTTGACAGTGTTCAGACCAGCAAGACACCTCAGAAACCTGATCTTGACAGGCTCCAATTGACTCCACTGTCAATTCTCTCTGACAGTGACAGTCGATCAGAGGAGCTTGAC
                   MgalloprovincialisCCATCTTTGAACTGACACTGCTCAGGACAACACTATGAGGCAGACGTTTGTACTTGACCTAGTTCT---GGTCGTAGGTCAACCAGAACTTGACAATGTCACACTGTTGGTAATGACTGAC
                       Bplatifrons ACCTCTCTGAACTGACACTGTTCTGGACAAAATCATCAAGCAGATGTCTGATCATGACCTATCTCA---AGAAGTGGAAACCACAGACTCTGACAATGTCAGACTATTGACAATGATTGAC
                      Pmartensii AGCGATCTCTCCTGACAGTGCCAGACGCAAAAT---ATCACAAACATTTGTTCTTGACAAGAGGAA---CCCGGGCAGGATGCCGGCGTATGACATTGTCAGGAGATCAGCAACGACTGAC
                       Myessoensis TCAGACGTAATTTGACAGTGCGACGGCCAGGAAGACGCGTCAGAAATGTGAACGTGACAGAGTCTG---TTCGGTCATCCGGACGGCACCTGACAGTGTCACTCCGTCAGCACGGACTGAC
                 Reference Positions ACCGAUCUGUCCUGACAGUGCCAAGGCCAAAAA_A_ACCACAGACAUCUGAUCUUGACAAAAUCCA___GACGGUAAGGACGACGGCGUCUGACAGUGUCAGGCGAUCAGCAACGACUGAC
                   Secondary Structure ...........(((((.((.(.(.
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