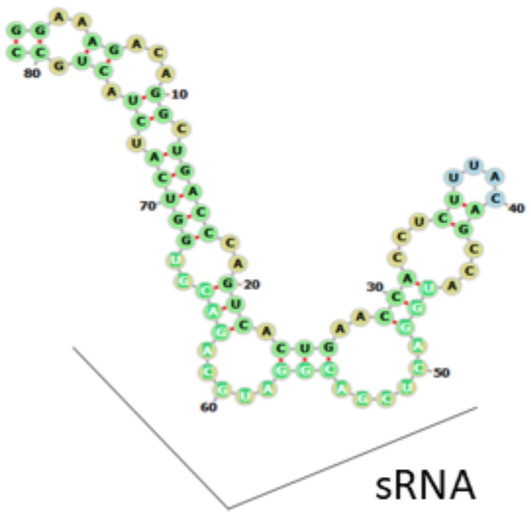
Supplemental figure 4. Hairpin predictions computed with miRNAFold. Left: Window between 4373-4453 of the CHIKV 06.21 genome. Candidate small RNA sequence highlighted in green. Right: Two windows (4436-4556 and 4503-4580) for a same candidate viral miRNA sequence.

A

Start Position : 4373
End Position : 4453
Sequence Size : 81 nucleotides
Minimum Free Energy : -20.3 kcal/mol

Hairpin
((..((...((.(((((..(((.(((..(((...((....))...)))..)))).....)))).....)))..)))))).)).)).))

Sequence
GGAAAGACAGGCUGACCCAGUCACUGAACCACCUCUUUACAGCCAUGGACUCGAC
GGAUGCAGACGUGGUCAUCUACUGCC

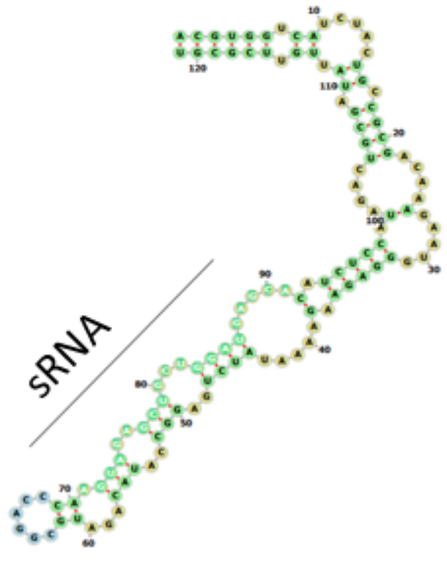


B

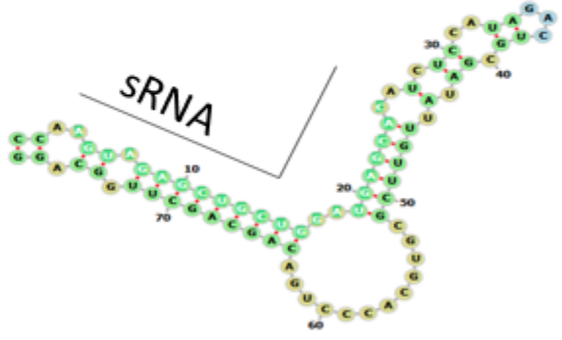
Start Position : 4436
End Position : 4556
Sequence Size : 121 nucleotides
Minimum Free Energy : -34 kcal/mol

Hairpin
((((((.((.....((.((((....(.....(((((.(.....((((..(((..(((...((.....)).)))..)))...))))......).)))))....)))).)).)).))))))

Sequence
ACGUGGUCAUCUACUGCCGCGACAAAGAAUGGGAGAAGAAAAUAUCUGAGGCCAU
ACAGAUGCGGACCCAAGUAGAGCUGCUGGAUGAGCACAUCUCCAUAGACUGCGAU
AUUGUUCGCGU



Start Position : 4503
End Position : 4580
Sequence Size : 78 nucleotides
Minimum Free Energy : -22.6 kcal/mol

Hairpin
((..((.(((((((((..(((((((..(.((..((...)).)).).)))))).....)))))))))).)).))

Sequence
CCAAGUAGAGCUGCUGGAUGAGCACAUCUCCAUAGACUGCGAUAUUGUUCGCGUG
CACCCUGACAGCAGCUUGGCAGG