Possible hairpin/pseudoknot structure for MAYV:

```
((((((()))))))
```

SEAL LOUSE ALPHAVIRUS: (deleting downstream sequence including the ')s reduces frameshifting four-fold)

```
((((( )))))
```

BARMAH FOREST COMPLEX:

```
((((( )))
```

NDUMU COMPLEX:

```
(((((( )))
```

MIDDELBURG COMPLEX: (mutation experiments support the functional importance for frameshifting of both the stem identified by '('s and the stem indicated by ')')

```
(( ((((( )))
```

SEMLIKI FOREST COMPLEX: (no compact 3' stimulatory RNA secondary structure identified)

```
((((( )))
```

Possible hairpin/pseudoknot structure for MAYV:

```
((((( )))))))
```

BEJBARU VIRUS: (no UUUUUA motif; ')s show the location of the SFV UUUUUA motif in an amino acid sequence alignment):

```
(((((( )))))))
```

Possible hairpin/pseudoknot structure for MAYV: