

#### ORF16

MTEQTLFEQLNSKNVNDHTEQKNGLTYLAWSYAHQELKKIDPNYTVKVHEFPHPDINTENYF  
VPYLATPEGYFVQVSVTVKDDSTETEWLPVLDFRNKSLAKGSATTFDINKAQKRCFVKASALH  
GLGLYIYNGEELPSASDNDITELEERINQFVNLSQEKGRDATIDKT**MRWLKISNINKLSQKQIA**  
**EAHQKLDAGLKQLDSEEKQ\***

#### ORF17 (ssb)

MLNRTVLVGRLTKDPEYRTTPNGVSVTTFTIAVNRTFTNAQGEREADFINCVTFRKQAENVNN  
YLSKGSAGVDGRLQSRSYENKDGQRVFEVADSVQFLEPKNNNQPNNNYHQQRQTQ  
TGNNPFDNTTAIDDDLPF\*

#### Chimera 16-17

MTEQTLFEQLNSKNVNDHTEQKNGLTYLAWSYAHQELKKIDPNYTVKVHEFPHPDINTENYF  
VPYLATPEGYFVQVSVTVKDDSTETEWLPVLDFRNKSLAKGSATTFDINKAQKRCFVKASALH  
GLGLYIYNGEELPSASDNDITELEERINQFVNLSQEKGRDATIDKT**RGETI**MLNRTVLVGRLTK  
DPEYRTTPNGVSVTTFTIAVNRTFTNAQGEREADFINCVTFRKQAENVNNYLSKGSAGVDG  
RLQSRSYENKDGQRVFEVADSVQFLEPKNNNQPNNNYHQQRQTQTGNNPFDNTTAI  
DDLDPF\*

#### Figure 5- figure supplement 1. Sequence of the chimeric ORF16-17 protein.

Top: sequence of the ORF16 coded protein. The C-terminal part of the protein that is lost in the chimeric protein is highlighted in bold.

Middle: Sequence of the Ssb (ORF17) protein.

Bottom: Sequence of the chimeric protein. In red is shown the novel sequence generated as a consequence of the mutation, that serves to link the ORF16 and ORF17 encoded proteins.