



Figure S1. The secondary structure of the DENV2 NS3pro/NS2B does not agree with the secondary structures of previously determined complexes

The secondary structures along the sequence for DENV2 NS3pro (Top Panel) and NS2B (Bottom Panel) predicted by TALOS-N software⁴⁰ based on the chemical shifts of the backbone are shown. Top sequence: labelled with NMR S135A, obtained in this study, middle sequence: BMRB 19080 presented earlier in⁸ and bottom sequence: PDB: 2FOM x-ray secondary structure extracted according to UCSF Chimera⁴⁸. The yellow lines correspond to loop or coil segments in the protein complex, red squares correspond to α -helices and arrows to β -strands. The sequences are indicated in black, differences in amino acids between sequences are highlighted in red.