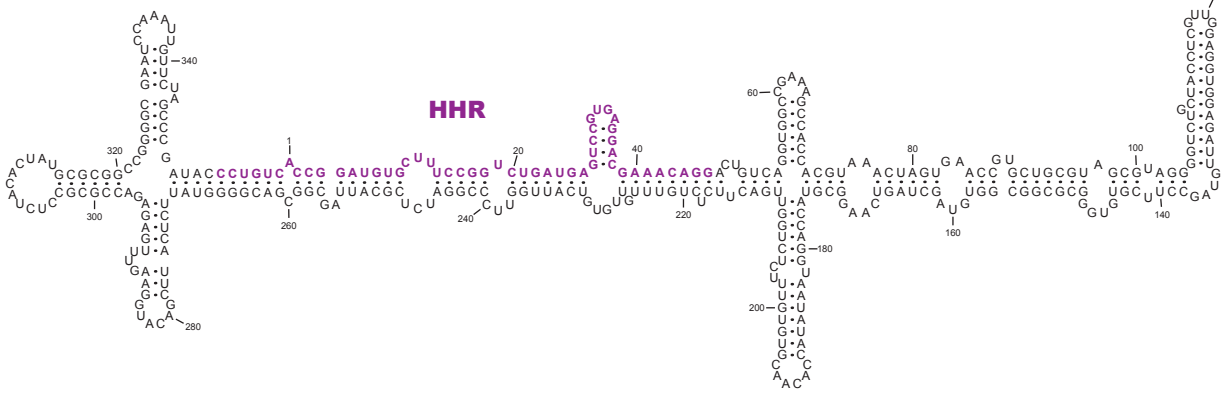
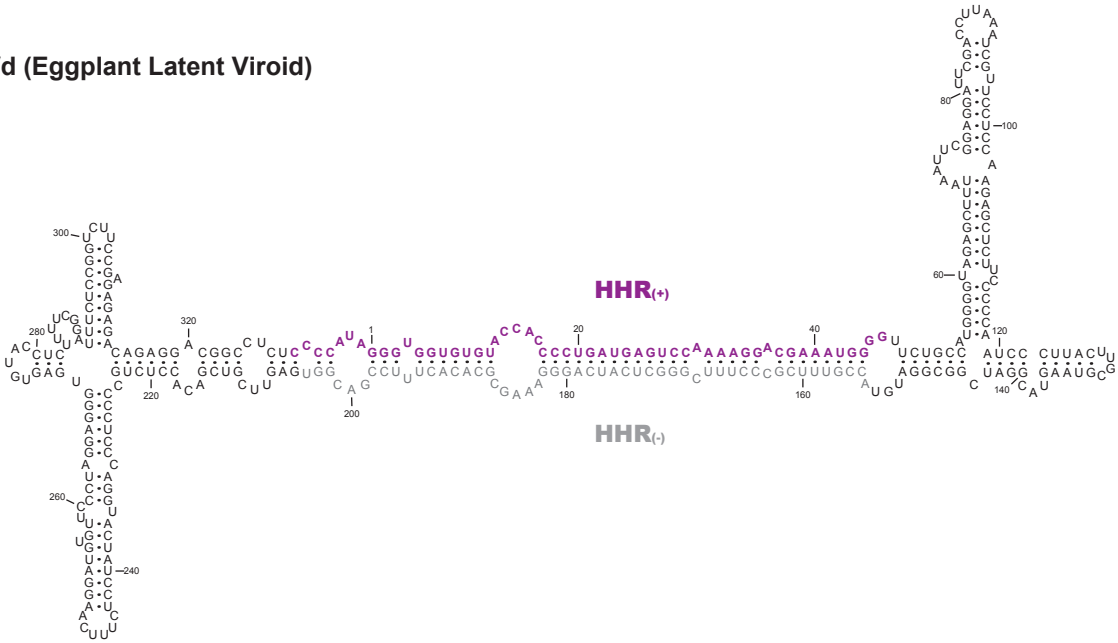


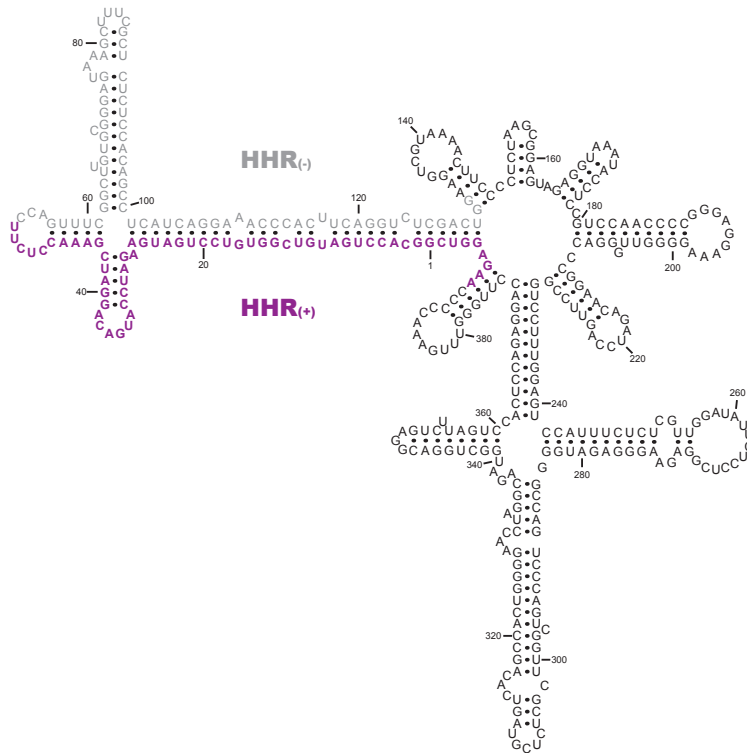
### sTRSV (Tobacco Ringspot Virus satellite RNA)



### ELVd (Eggplant Latent Viroid)



### CChMVd (Chrysanthemum Chlorotic Mottle Viroid)



**Additional file 7.**

Minimum free energy secondary structure predictions for the viral satellite RNA sTRSV (Top. Entry M14879.1), and the viroids ELVd (Middle. Entry AJ536612.1) and CChMVd (Bottom. Entry AJ878085.1). HHR sequences are shown in purple (positive polarity) and grey (negative polarity). Self-cleavage sites are indicated with arrows. Numbering starts at the self-cleavage site of the positive polarity HHR.