

Direct interaction between the hepatitis B virus core and envelope proteins analyzed in a cellular context

Florentin Pastor¹, Charline Herrscher¹, Romuald Patient¹, Sebastien Eymieux¹, Alain Moreau¹, Julien Burlaud-Gaillard², Florian Seigneuret¹, Hugues de Rocquigny^{1,*}, Philippe Roingeard^{1,2*} and Christophe Hourieux^{1,2,*}

¹: INSERM U1259 MAVIVH – University of Tours and CHRU of Tours, Tours, France

²: Plate-Forme IBiSA des Microscopies, PPF ASB – University of Tours and CHRU of Tours, Tours, France.

To whom correspondence should be addressed:

*: hourieux@med.univ-tours.fr ; roingeard@med.univ-tours.fr; hderocquigny@univ-tours.fr

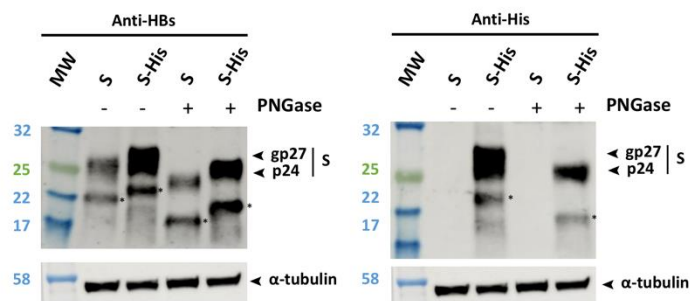


Figure S1. PNGase treatment of S and S-His proteins. Huh7 cells were transfected with a plasmid encoding the untagged WT HBV S protein or S-His. Three days after transfection, the cells were analyzed by western blotting. Cell lysates were treated or not by a N-glycosylase (PNGase) and then separated by SDS-PAGE. Membranes were probed with anti-HBs (left panel) and anti-His (right panel) antibodies. Protein normalization was controlled by α -tubulin. The asterisk (*) notes the presence of a truncated version of the S and S-His proteins which are also deglycosylated.