

Supplementary Files

Movie S1. NCLSs transport in VP24^{wt}-expressing cells. Huh-7 cells were transfected with plasmids encoding NP, VP35, VP30-GFP, and VP24^{wt}. Time-lapse microscopy analysis was started at 20 h p.t. Acquisition: Sequence displays 3 min, one frame was taken every 2-3 s. Scale bar, 10 μ m.

Movie S2. NCLSs transport in VP24^{AxxL}-expressing cells. Huh-7 cells were transfected with plasmids encoding NP, VP35, VP30-GFP, and VP24^{AxxL}. Time-lapse microscopy analysis was started at 20 h p.t. Acquisition: Sequence displays 3 min, one frame was taken every 2-3 s. Scale bar, 10 μ m.

Movie S3. NCLSs transport in VP24^{YxxA}-expressing cells. Huh-7 cells were transfected with plasmids encoding NP, VP35, VP30-GFP, and VP24^{YxxA}. Time-lapse microscopy analysis was started at 20 h p.t. Acquisition: Sequence displays 3 min, one frame was taken every 2-3 s. Scale bar, 10 μ m.

Movie S4. NCLSs transport in VP24^{AxxA}-expressing cells. Huh-7 cells were transfected with plasmids encoding NP, VP35, VP30-GFP, and VP24^{AxxA}. Time-lapse microscopy analysis was started at 20 h p.t. Acquisition: Sequence displays 3 min, one frame was taken every 2-3 s. Scale bar, 10 μ m.

Movie S5. NCLSs transport of VP24^{wt}-expressing, si-Ctrl treated cells. Huh-7 cells were

treated with si-Ctrl prior to transfection of NP, VP35, VP30-GFP, and VP24^{wt}. Time-lapse microscopy analysis was started at 20 h p.t. Acquisition: Sequence displays 2 min, one frame was taken every 1 s. Scale bar, 10 μ m.

Movie S6. NCLSs transport in VP24^{wt}-expressing cells, treated with si-Alix . Huh-7 cells were treated with si-Alix prior to transfection of plasmids encoding NP, VP35, VP30-GFP, and VP24^{wt}. Time-lapse microscopy analysis was started at 20 h p.t. Acquisition: Sequence displays 2 min, one frame was taken every 1 s. Scale bar, 10 μ m.

Movie S7. NCLSs transport in VP24^{AxxA}-expressing cells, treated with si-Ctrl. Huh-7 cells were treated with si-Ctrl prior to transfection of plasmids encoding NP, VP35, VP30-GFP, and VP24^{AxxA}. Time-lapse microscopy analysis was started at 20 h p.t. Acquisition: Sequence displays 2 min, one frame was taken every 1 s. Scale bar, 10 μ m.

Movie S8. NCLSs transport of VP24^{AxxA}-expressing cells, treated with si-Alix. Huh-7 cells were treated with si-Alix prior to transfection of plasmids encoding NP, VP35, VP30-GFP, and VP24^{AxxA}. Time-lapse microscopy analysis was started at 20 h p.t. Acquisition: Sequence displays 2 min, one frame was taken every 1 s. Scale bar, 10 μ m.