

Supplementary Figures

Figure S1

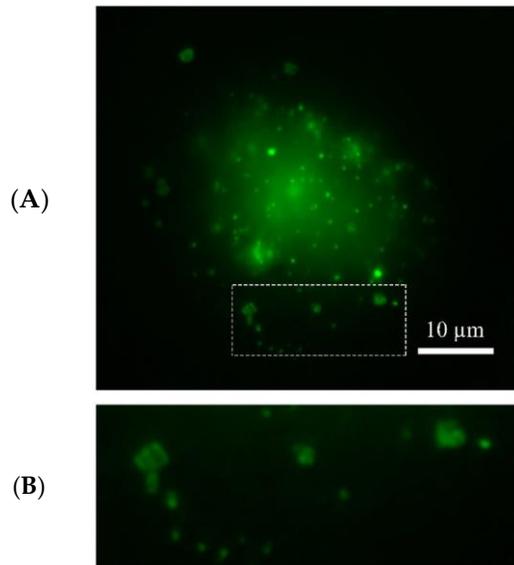


Figure S1. Incipient ordered structures in Huh-7.5 cells. (A) NiV N stain (in green) in NiV infected cells at 8h p.i. Scale bar: 10 μm (B) Detail of the early NiV ordered structures present in the dotted rectangle

Figure S2

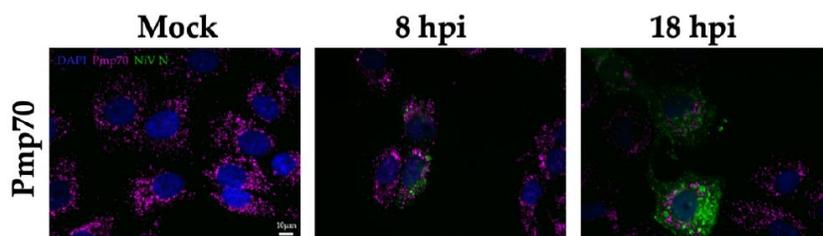


Figure S2. Localization of NiV N and peroxisomes. Vero E6 cells were fixed at 8-, and 18- h p.i. and localization of peroxisomes (in magenta, Pmp70) and NiV nucleoprotein N (green), were shown. Cellular nuclei were stained with DAPI (blue). Scale 10 μm.

Figure S3

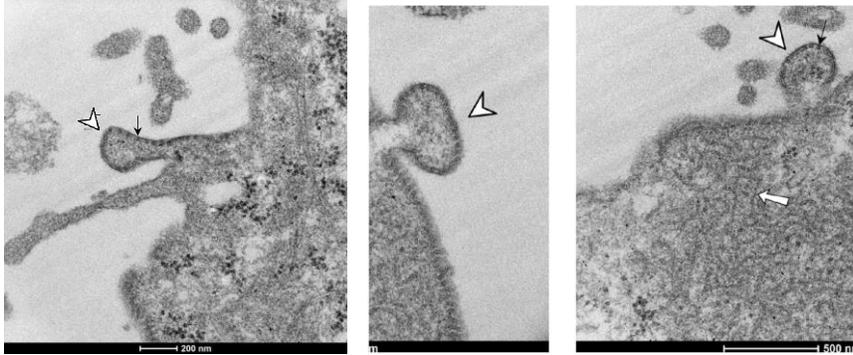


Figure S3. Electron micrographs of NiV infected cells. NiV particles budding (white arrow heads) and RNCs in longitudinal (white thick arrow) and cross-section (black thin arrow).

Figure S4

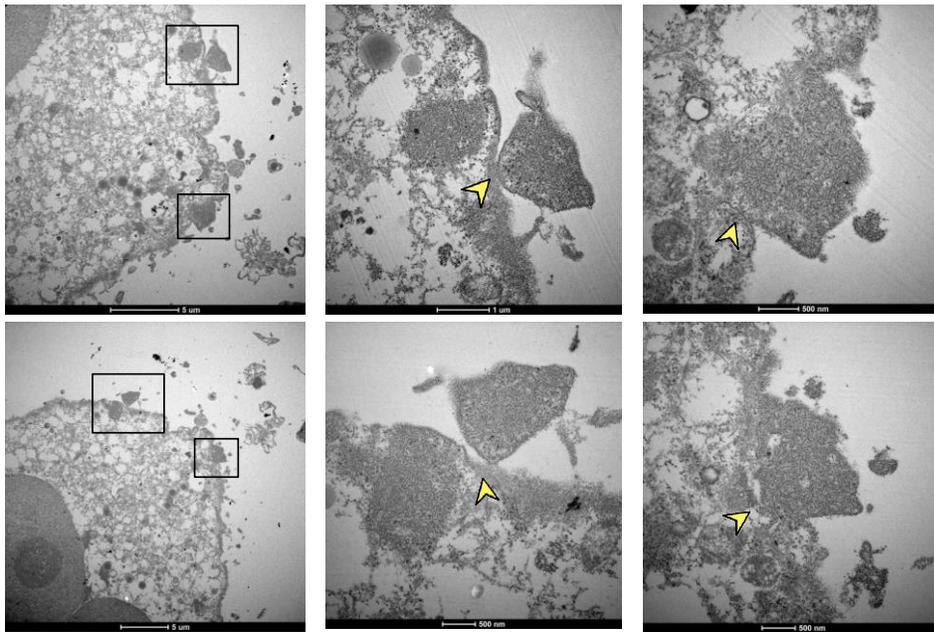


Figure S4. Transmission electron micrographs of NiV infected cells containing ordered structures. TEM-overview of a NiV-infected Vero E6 cell with magnified areas (in black squares) with ordered structures (yellow arrow heads).

Table S1

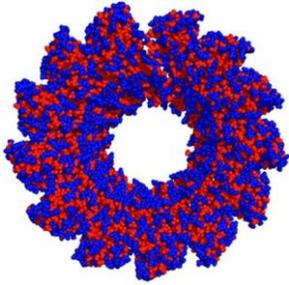
Table 1. Amino acid analysis of NiV N, NiV M, EBOV NP and JUNV NP.

Amino acid (aa)	NiV N	NiV M	EBOV NP	JUNV NP
	Percentage	Percentage	Percentage	Percentage
Ala (A) *	10.9	4.3	7.2	5.1
Arg (R)	7.1	6.0	4.5	6.0
Asn (N)	3.8	5.4	4.5	4.6
Asp (D)	4.9	5.4	8.0	6.7
Cys (C)	0.0	1.7	0.4	1.2
Gln (Q)	4.1	2.6	7.2	5.5
Glu (E)	7.3	4.8	8.0	5.5
Gly (G) *	7.0	7.4	5.6	7.3
His (H)	0.4	1.7	4.1	1.8
Ile (I) *	6.0	8.2	3.9	4.8
Leu (L) *	8.6	9.4	9.1	11.5
Lys (K)	4.5	7.7	5.1	7.4
Met (M) *	3.4	3.4	2.6	2.5
Phe (F) *	3.6	4.8	3.5	3.0
Pro (P) *	3.8	4.0	5.7	4.6
Ser (S)	9.8	8.8	6.5	7.3
Thr (T)	6.2	3.4	5.1	5.1
Trp (W) *	0.9	1.1	0.5	1.1
Tyr (Y)	2.1	4.0	2.8	2.3
Val (V) *	5.6	6.0	5.7	6.6
Pyl (O)	0.0	0.0	0.0	0.0
Sec (U)	0.0	0.0	0.0	0.0
Hydrophobic aa %	49.8	48,6	43,8	46,5
Predicted scaled solubility	0.349	0.362	0.544	0.415

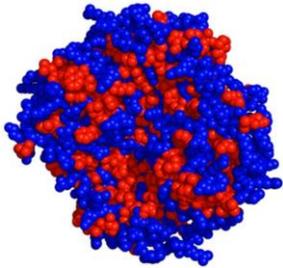
* Hydrophobic amino acids.

Video S1

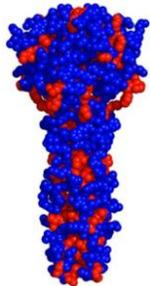
NiV N



NiV M



NiV P



Video S1. Three-dimensional rotation view of NiV N, M and P proteins. Hydrophobic amino acids are red and non-hydrophobic amino acids are displayed in blue. Movies were generated with Pymol software.