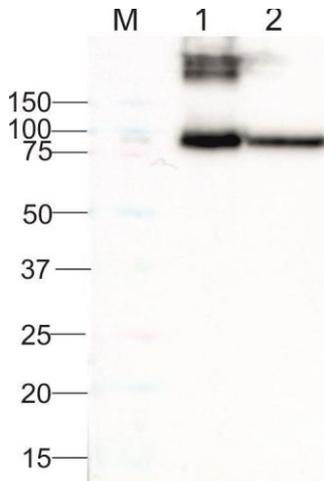


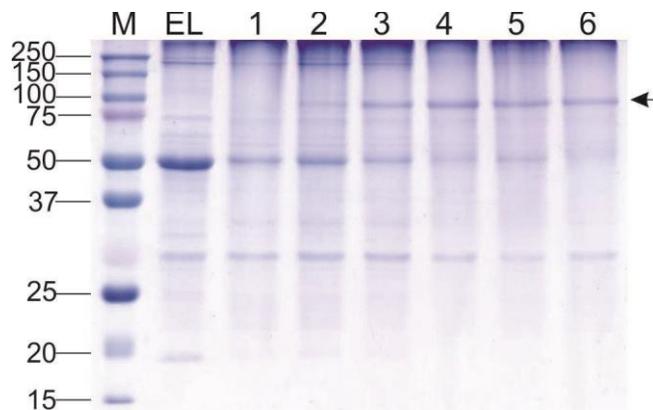
## Supplementary Materials

### Plant-Produced Chimeric Hepatitis E Virus-Like Particles as Carriers for Antigen Presentation

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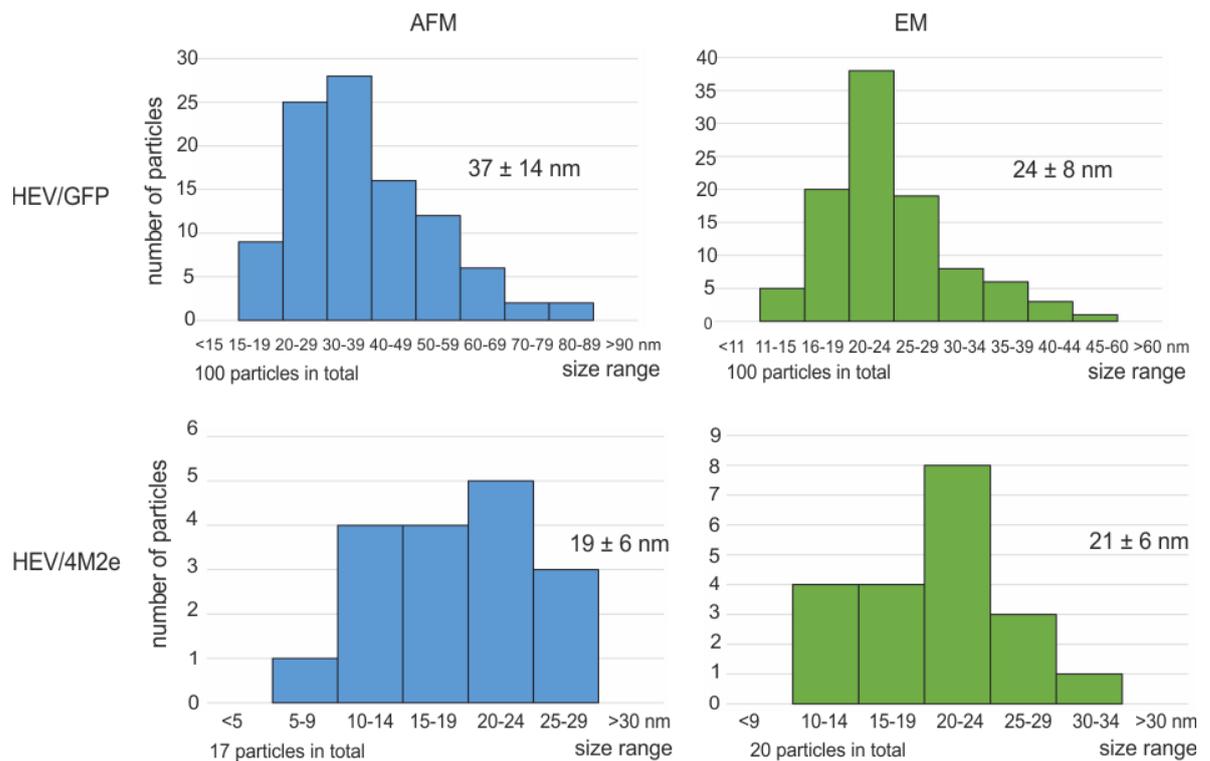
**Figure S1.** Solubility analysis of HEV/GFP protein expressed in *N. benthamiana* plants. Western blotting with antibodies against GFP. M, molecular weight marker (kD); 1, total proteins isolated from leaf infiltrated with pEff\_HEV/GFP; 2, total soluble proteins isolated from leaf infiltrated with pEff\_HEV/GFP.



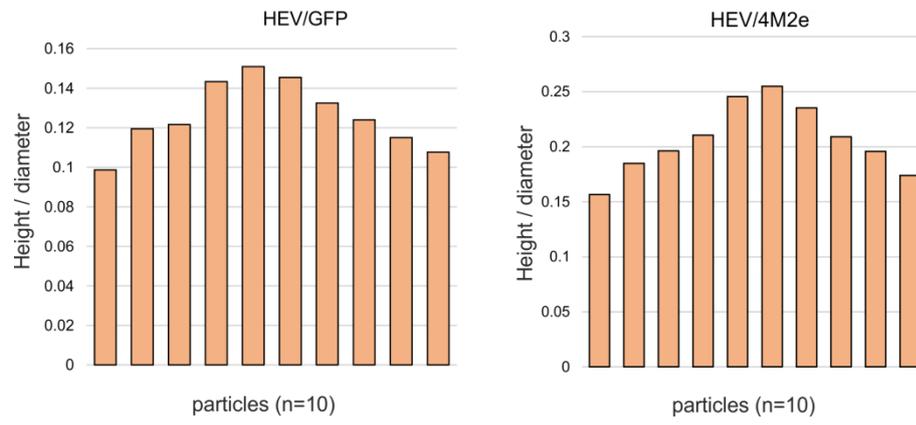
**Figure S2.** Expression of HEV/GFP protein in *N. benthamiana* plants on different days post infiltration. Coomassie brilliant blue-stained gel of proteins isolated from plants. M, molecular weight marker (kD); EL, total proteins isolated from non-infiltrated leaf; Lanes: 1-6, total proteins isolated from leaves infiltrated with pEff\_HEV/GFP in 1-6 dpi, respectively. Position of HEV/GFP protein is shown by an arrow.



**Figure S3.** Expression and solubility analysis of HEV/4M2e protein expressed in *N. benthamiana* plants. Western blotting with antibodies against hexahistidine tag. M, molecular weight marker (kD); 1 and 2, soluble and total proteins isolated from leaf infiltrated with pAeff\_HEV; 3 and 4, soluble fraction and total proteins isolated from leaf infiltrated with pAeff\_HEV/4M2e; 5 and 6, soluble fraction and total proteins isolated from leaf infiltrated with pEff\_HEV/4M2e; 7 and 8, soluble fraction and total proteins isolated from leaf infiltrated with pEff\_HEV.



**Figure S4.** HEV/GFP and HEV/4M2e particle size distribution. The data were obtained using the atomic force microscopy (AFM) and transmission electron microscopy (EM) images. Mean  $\pm$  standard deviation values are shown.



**Figure S5.** HEV/GFP and HEV/4M2e particle height to diameter ratio. The data are based on AFM images of 10 particles.