

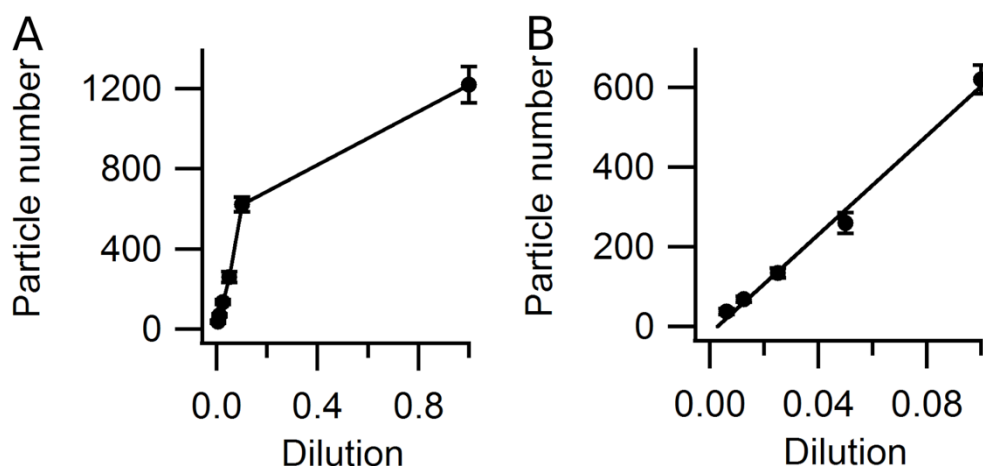
## **Supplementary Material**

### **Electrostatic Screening, Acidic pH and Macromolecular Crowding Increase the Self-Assembly Efficiency of the Minute Virus of Mice Capsid *in Vitro***

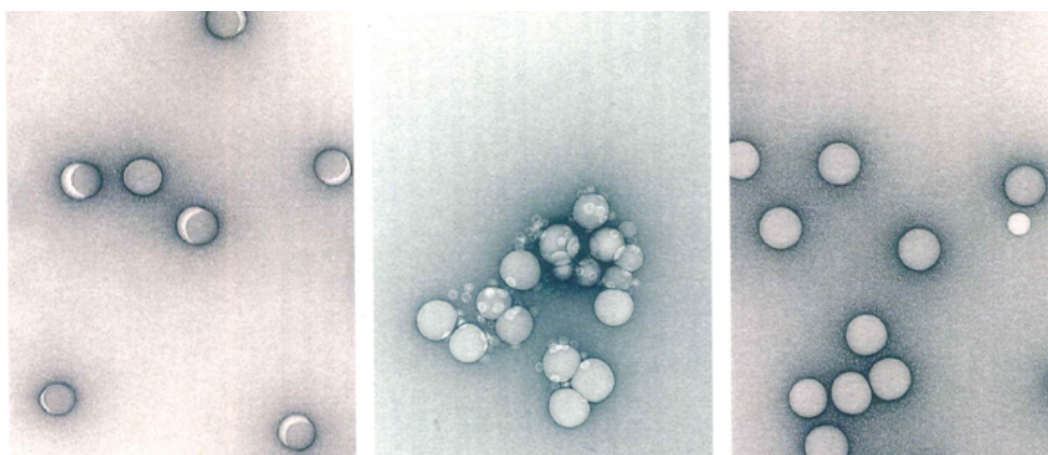
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**Figure S1.** VLP counts by TEM as a function of the dilution of a concentrated VLP suspension. (A) full tested range, from 1/300 dilution to 1 (undiluted). (B) Linear part of the tested range, from 1/300 to 1/10 dilution ( $r^2=0.99$ ).



**Figure S2.** Clustering of latex beads through adsorption of MVM VLPs to the beads and to each other. (A) monodisperse latex beads. (B) clustered beads after addition of purified native VLPs; many VLPs can be seen adsorbed on the bead surface (C) monodisperse beads after dissociation of the VLPs by addition of 4M GdmHCl.

**Video S1.** Calculated electrostatic potentials represented on the MVM capsid trimer surface as a function of ionic strength.

**Video S2.** Calculated electrostatic potentials represented on the MVM capsid trimer surface as a function of pH.