



1 *Supplementary Materials*

2 **Hydrophobization of Tobacco Mosaic Virus to** 3 **Control the Mineralization of Organic Templates**

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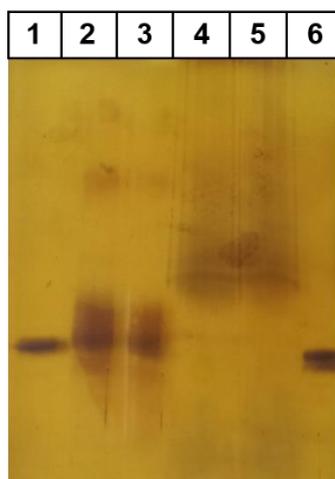
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16 Received: 24 April 2019; Accepted: 20 May 2019; Published: date

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18 Transmission measurement of 0.02 g ml⁻¹ PPGA in 10 mM SPP buffer solution has shown a lower
19 critical solution temperature of 7.8 °C, while below 4 °C PPGA was completely soluble. The measured
20 concentration was in the same range as used for coupling to TMV.

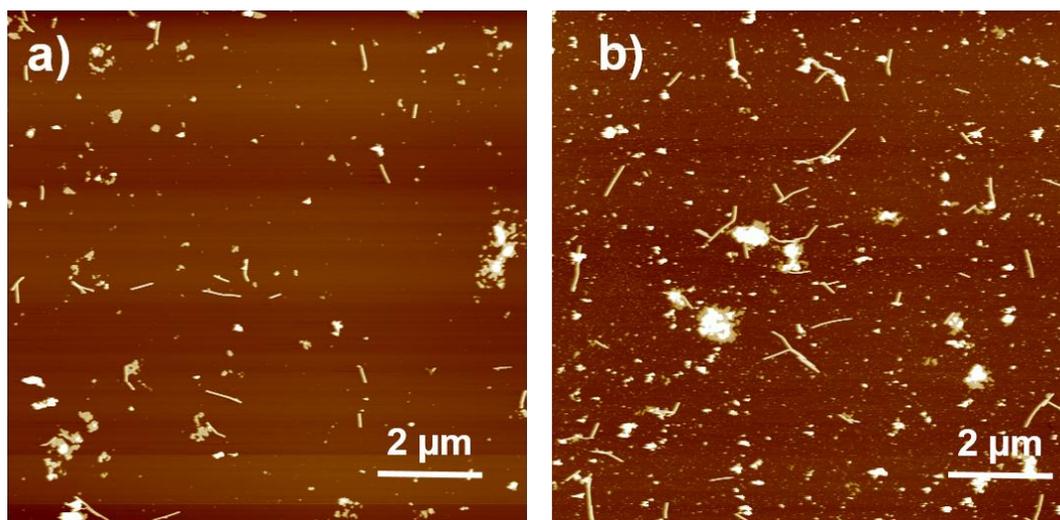
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24 **Figure S1.** SDS-PAGE of samples containing: (1) wt-TMV, (2) TMV-ketone, (3) TMV-ketone after
25 purification with a PD MiniTrap G-25 column, (4) h-TMV, (5) h-TMV after purification with a PD
26 MiniTrap G-25 column and (6) control experiment including reaction of wt-TMV with PE-b-PEG.



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Figure S2. Low magnification AFM height images showing the stability of the h-TMV particles: (a) after 30 min stirring in 100 mM ZnCl₂ precursor solution and (b) after 5 min mineralization with ZnS.

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