Electronic Supporting Information for

Structure and dynamics of titania – poly(N-vinyl caprolactam) composite hydrogels

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Fig. S1 Scheme of PVCL hydrogel formation

Fig. S2 Swelling curves for air-dried PVCL and NT/PVCL gels with 1 mm thicknesses in D$_2$O.
Fig. S3 Photographs of native PVCL (a) and 0.25NT/PVCL (b) hydrogels.

Fig. S4 SEM-images of (a) surface and (b) cross-section of air-dried PVCL hydrogel; surface (c) and (d) cross-section of air-dried 0.25NT/PVCL hydrogel; (e) surface and (f,g) cross-section of
freeze-dried PVCL hydrogel (formations not involved in formation of pore walls are marked with an oval); (h) surface and (i) cross-section of freeze-dried 0.25NT/PVCL hydrogel; (j) NT particle distribution in the cross-section of 0.25NT/PVCL hydrogel.