

SUPPLEMENTARY INFORMATION:

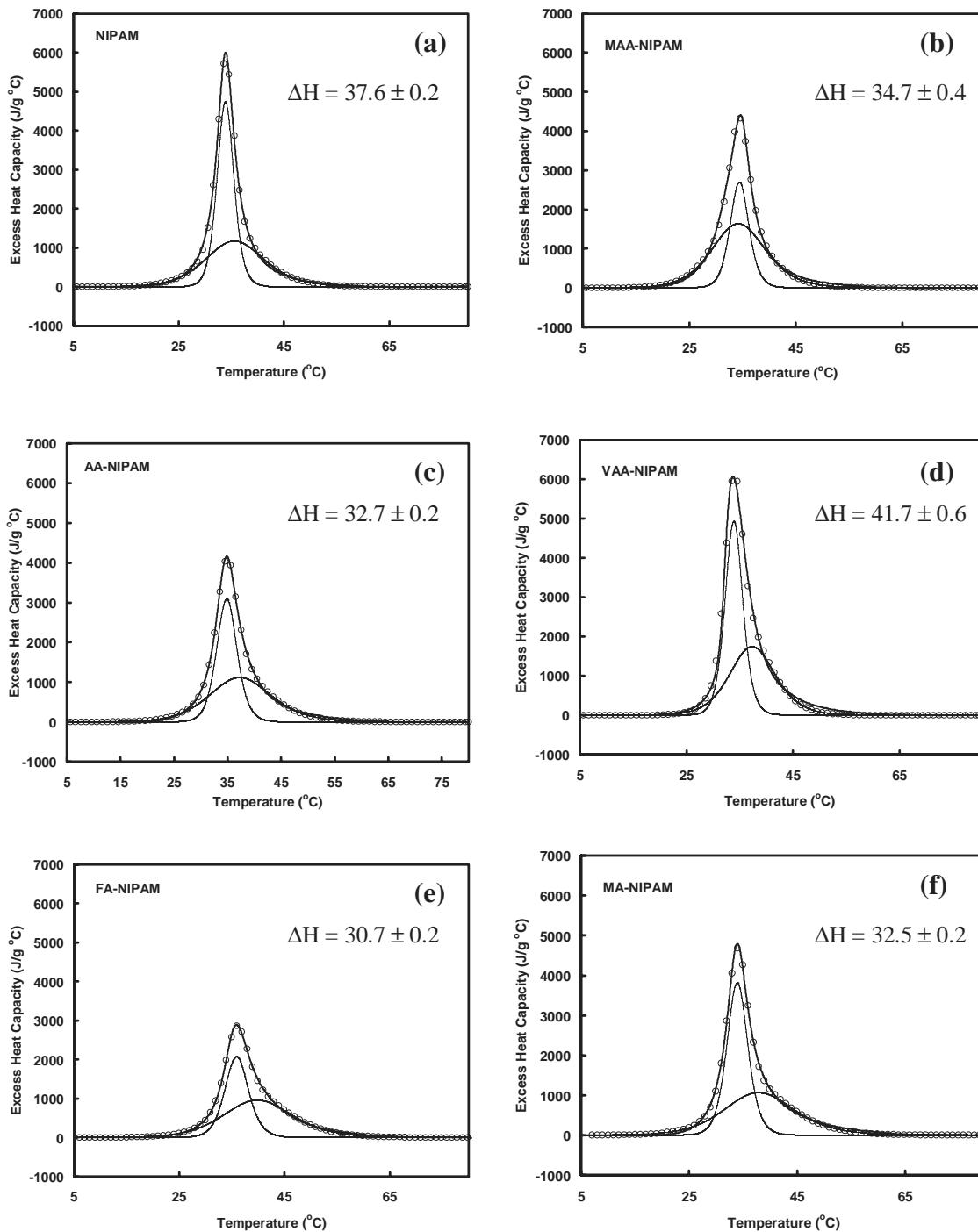


Figure S1. DSC thermograms (excess heat capacity versus temperature) for each of the functionalized microgels studied in the protonated state (pH 3.5): (a) NIPAM; (b) MAA-NIPAM; (c) AA-NIPAM; (d) VAA-NIPAM; (e) FA-NIPAM; (f) MA-NIPAM. The thick line is the non-smoothed experimental data, the data points are the overall model fit points, and the thin lines represent the deconvoluted multiple transitions. Overall transition enthalpies ΔH are given in units of kJ/g dry microgel.

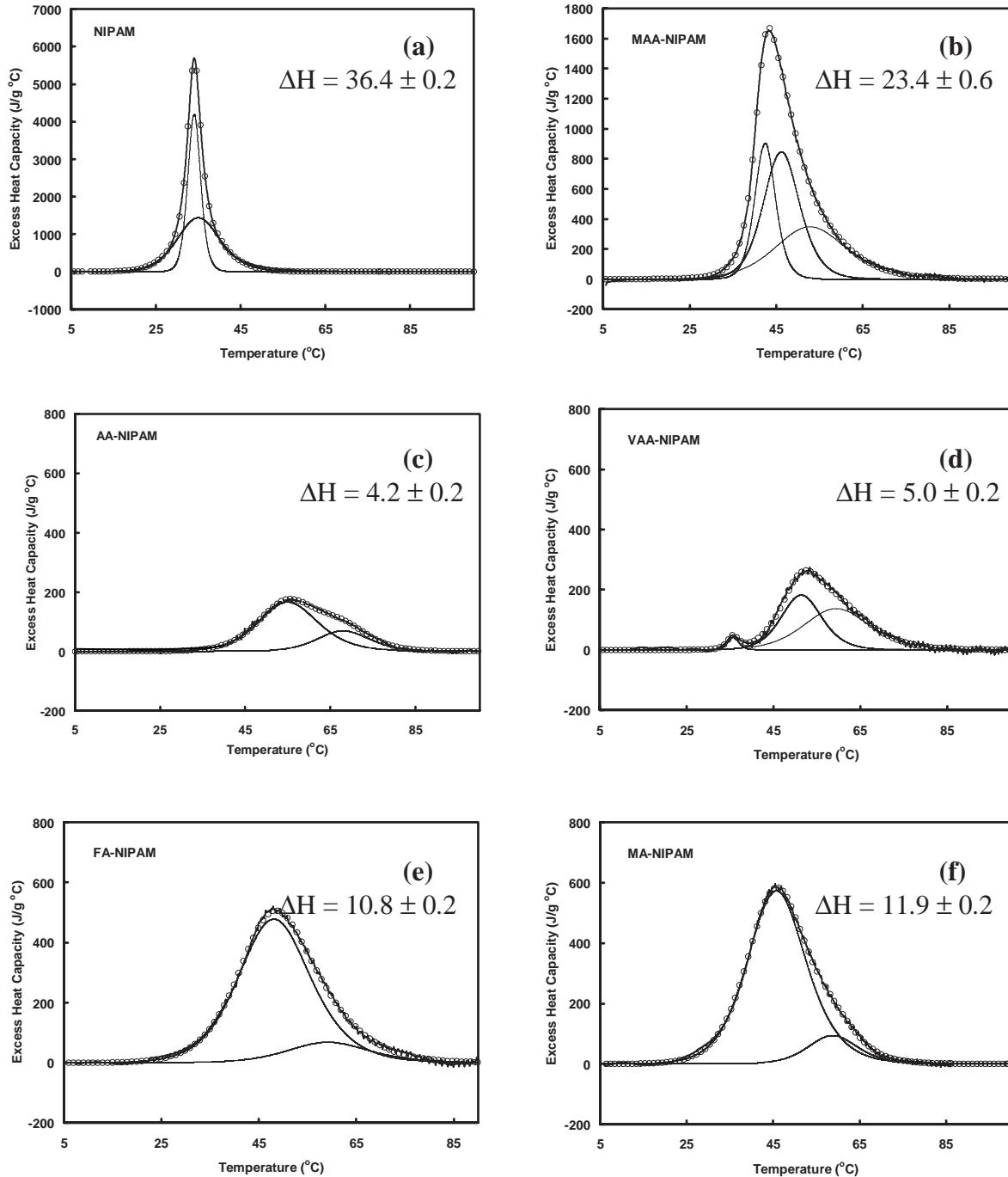


Figure S2. DSC thermograms (excess heat capacity versus temperature) for each of the functionalized microgels studied in the ionized state (pH 10): (a) NIPAM; (b) MAA-NIPAM; (c) AA-NIPAM; (d) VAA-NIPAM; (e) FA-NIPAM; (f) MA-NIPAM. The thick line is the non-smoothed experimental data, the data points are the overall model fit points, and the thin lines represent the deconvoluted multiple transitions. Overall transition enthalpies ΔH are given in units of kJ/g dry microgel.