

Supplementary Table S2. Polymer synthesis: Feed molar fraction (F_n), monomer ([M]) and initiator ([APS]) molar concentration used for the synthesis of the different (co)polymers. Polymer guanylation: reaction equivalents of AEMA, HPC and TEA used for the synthesis of the corresponding guanylated polymers.

Polymer	Feed molar fraction		[M]	[APS]	Guanylated polymer	Reaction equivalents		
	F_{DMAEMA}	F_{AEMA}				AEMA	HPC	TEA
PAH	-	1	1	0.87	PAG 87H	1	1.5	1.5
	-	1	1	0.87	PAG33	1	0.5	0.5
PAL	-	1	0.5	0.87	PAG 87L	1	1.5	1.5
PD	1	-	1	0.87				
PDA48	0.50	0.50	1	0.87	PDAG18	1	1	1
PDA70	0.25	0.75	1	0.87	PDAG38	1	1	1