Supporting Information for

POLYMER GRAFTING VIA ATRP INITIATED FROM MACROINIATOR SYNTHESIZED ON SURFACE

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Figure 1. Topography SPM images of PS brushes obtained with sacrificial initiator added. Styrene/CuBr/Ep-BA/dNbP 300/1/1/2. Initiator surface density: a), b) – BAA 4 molecules/nm$^2$ and c), d) - BAA 17 molecules/nm$^2$. Brush thickness: a) 6.5 nm; b) 18 nm; c) 7 nm; d) 21.5 nm. Vertical scale – 10 nm. Image size – 1x1µm. Roughness: a) 0.31 nm; b) 0.56 nm; c) 0.51 nm; d) 0.67 nm.
Figure 2. Topography SPM images of PS brushes obtained without sacrificial initiator added. Styrene/CuBr2/CuBr2/dNBP 300/1/0.05/2.1. Initiator surface density: BAA 17 molecules/nm². Brush thickness: a) 14 nm and b) 24.5 nm. Vertical scale – 10 nm. Image size – 1x1μm.