**SUPPORTING INFORMATION**

Figure 1 displays Atomic Force Microscopy (AFM) measurements of a PLL-g-dextran cross-meshed patterns to confirm the thickness and homogeneity of the antifouling polymer coating obtained by contact printing with a plasma activated PDMS stamp. The molecular lines appear very regular, with good edge definition. On larger views, we do not observe any regions with lack or excess of molecules. Such a result was quite rapidly obtainable showing that this molecule is well adapted to patterning using µCP. A height profile across the patterned lines is also displayed from point A to point B. The line thickness reaches an average value of 4 nm.
Figure 1. AFM image (height signal, liquid environment and contact mode) of PLL-g-dextran patterns obtained by µCP with a topographical PDMS stamp. The stamp was previously activated by a O₂ plasma treatment, inked with a PLL-g-dextran solution and contacted with a glass slide. Cross section of the previous PLL-g-dextran patterns from point A to point B.