**Supplementary Information**

**Fluorinated amphiphilic block copolymers via RAFT polymerization and its application as surf-RAFT agent in miniemulsion polymerization**

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Fig. S1 DSC thermogram of PPEGMA$_{100}$-$b$-PHFBA$_{86}$
**Fig. S2** The plot of $I_1/I_3$ vs. concentration of Am-BCP, P(PEGMA)$_{37}$-b-P(HFBA)$_{35}$

**Fig. S3** EDAX of the polystyrene latex