Supporting Information

for

Self-assemblies of γ-CDs with pentablock copolymers PMA-PPO-PEO-PPO-PMA and end-capping via atom transfer radical polymerization of 2-methacryloyloxyethyl phosphorylcholine

Jing Lin, Tao Kong, Lin Ye, Ai-ying Zhang and Zeng-guo Feng*

Address: School of Materials Science and Engineering, Beijing Institute of Technology, Beijing 100081, China

Email: Zeng-guo Feng - sainfeng@bit.edu.cn

*Corresponding author

Additional experimental data

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$^1$H NMR spectra of BrPEPB and PEP100M.

GPC curves of BrPEPB, PEP40M, PEP60M and PEP100M.

TEM image of PMA-PPO-PEO-PPO-PMA in water.

$^1$H NMR spectrum of PR0CD30P.
Figure S1: $^1$H NMR spectra of BrPEPBr (A) and PEP100M (B).
**Figure S2:** GPC curves of BrPEPBr (A), PEP40M (B), PEP60M (C) and PEP100M (D).
Figure S3: TEM image of PMA-PPO-PEO-PPO-PMA in water.
Figure S4: $^1$H NMR spectrum of PR0CD30P.