

Supporting Information for
Controlled synthesis of high quality type-II/type-I CdS/ZnSe/ZnS
core/shell1/shell2 nanocrystals

Jin Zhong Niu, Huaibin Shen, Changhua Zhou, Weiwei Xu, Xiaomin Li,

Hongzhe Wang,* Shiyun Lou, Zuliang Du, Lin Song Li*

Table S1 ICP-MS elemental analysis of CdS/ZnSe/ZnS core/shell1/shell2 nanocrystals.

	Sample-1	Sample-2	Sample-3
Cd ($\mu\text{g/mL}$)	57.2	24.45	43.6
Se ($\mu\text{g/mL}$)	204.8	44.5	62.7
Zn ($\mu\text{g/mL}$)	2412.8	990.65	1048.1
S ($\mu\text{g/mL}$)	1069.6	423.9	437.3
Molar ratio of Cd	0.70%	0.76%	1.29%

Key Laboratory for Special Functional Materials of Ministry of Education, Henan University, Kaifeng 475004, P.

R. China, E-mail: L.S. Li, lsli@henu.edu.cn and H. Wang, whz@henu.edu.cn; Fax: +86-378-3881358; Tel:

+86-378-3881358

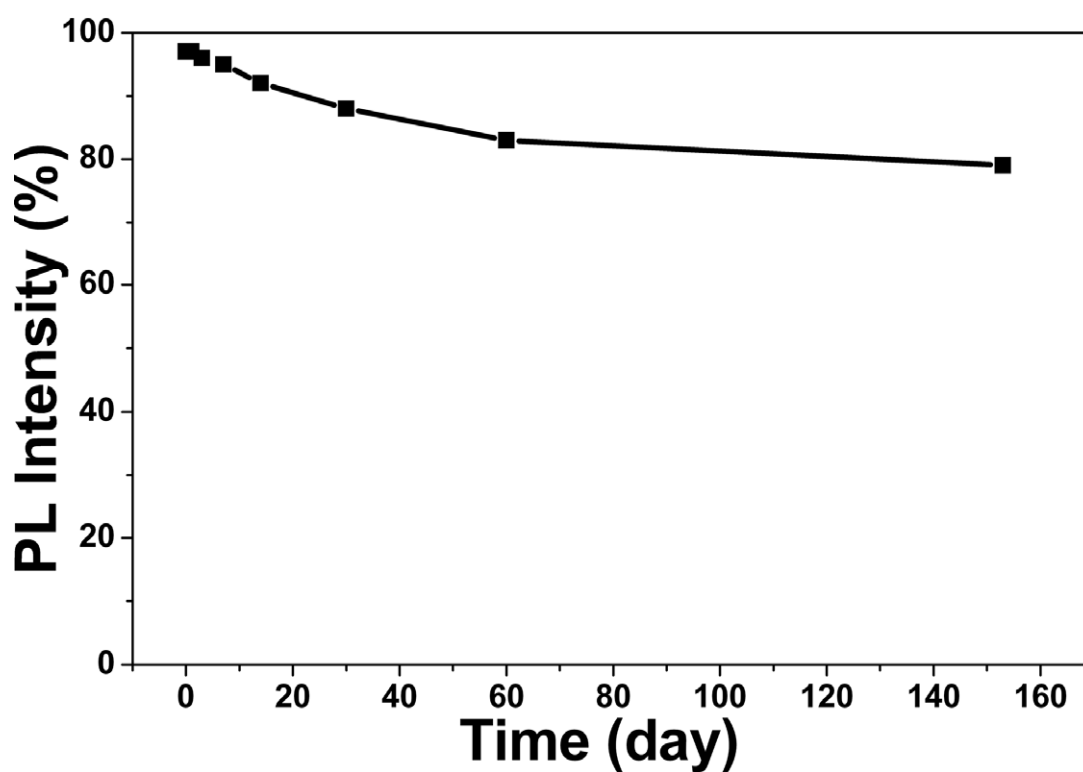


Fig. S1 Temporal evolution of QYs of water soluble CdS/ZnSe/ZnS nanocrystals after the phase transfer.