

**Table S1** The results from time-resolved fluorescence measurements

Table of results from time-resolved fluorescence measurements											
sample	$\lambda_{exc}$ (nm)	$\lambda_{em}$ (nm)	$A_1$	$A_2$	$A_3$	$A_4$	$\tau_1$ (ns)	$\tau_2$ (ns)	$\tau_3$ (ns)	$\tau_4$ (ns)	$\tau_M$ (ns)
CdSe	445	610	0.47	0.28	0.22	0.02	0.39	4.5	18.0	56	22.6
	445	670	0.36	0.21	0.32	0.12	0.38	4.8	26.8	61	40.1
PolyCdSe	445	600	0.44	0.24	0.29	0.03	0.34	4.8	20.6	74	32.0
	445	670	0.51	0.19	0.23	0.07	0.40	4.5	27.5	75	45.9
BenzCdSe	445	570	0.65	0.21	0.12	0.02	0.31	3.5	18.4	75	32.4
	308	570	0.62	0.26	0.12		0.51	5.7	28.5		20.3
	308	380	0.53	0.32	0.15		0.54	2.3	6.5		4.1
CompBenz CdSe	308	360	0.72	0.27	0.01		0.45	1.89	9.5		2.4
	308	500	0.69	0.19	0.10	0.02	0.08	0.91	3.3	9.0	4.1
	308	690	0.59	0.35	0.06		0.01	0.68	3.6		1.8