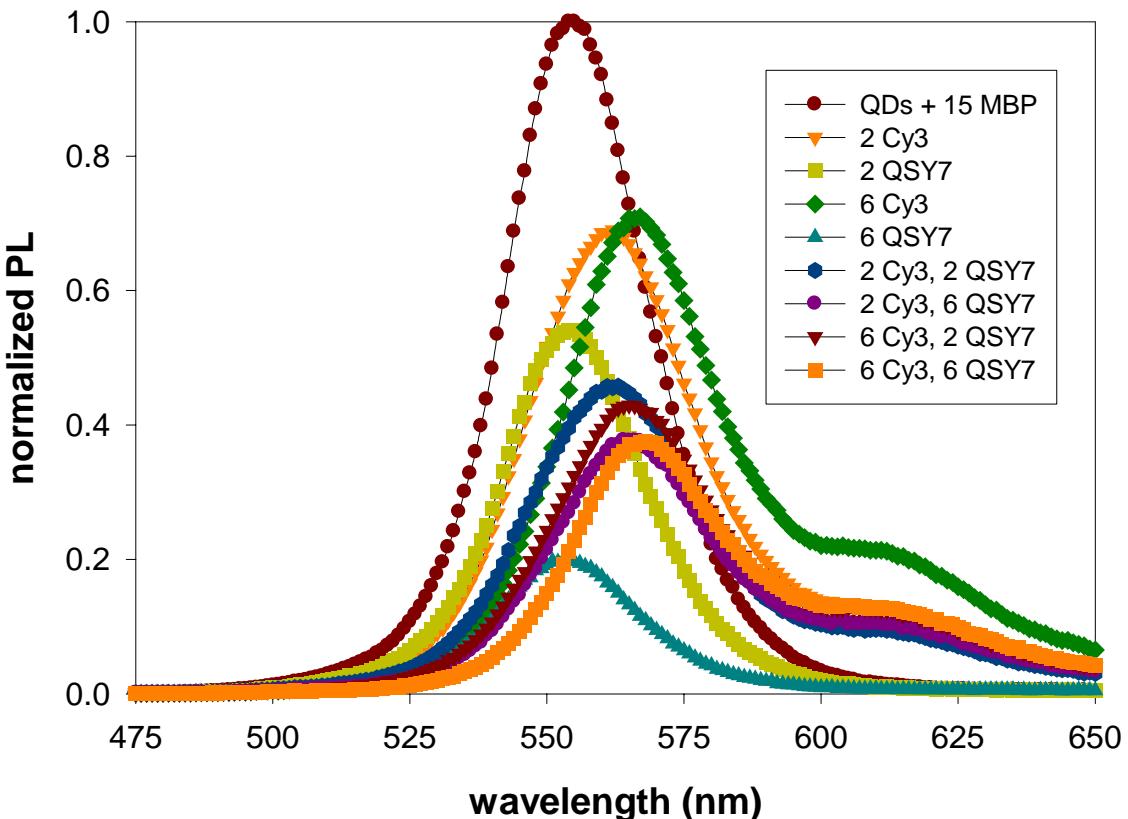


## SUPPORTING INFORMATION



**Figure S-1:** Composite spectra for the single QD donor (555 nm QD)-two dye acceptor (Cy3 and QSY-7) system corresponding to the data shown in Figure 3. Unprocessed (convoluted) spectra demonstrate the complexity of composite signals generated using an emissive dye acceptor. Proper analysis for such a system requires accurate data for both the donor and emissive acceptors