SUPPORTING INFORMATION

for

Aptamer-mediated nanocomposites of semiconductor quantum dots and graphene oxide as well as their applications in intracellular imaging and targeted drug delivery

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**Fig. S1** FTIR spectrum of the aptamer-QDs conjugates.

**Fig. S2** TEM image of aptamer-QDs-GO nanocomposite with high magnification
Fig. S3 The plot of fluorescence intensity of aptamer-QDs with spacer (●) or without spacer (■) vs GO concentration.

Fig. S4 Cell viability of SK-N-SH cells after 12 to 48 hours of incubation with various amounts of aptamer-QDs-GO nanocomposites. Cell viability was measured using a MTT assay.