Supporting Information

for

Anthracene coupled adenine for the selective sensing of copper ions

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Stoichiometry curves for 1 and 2 with Cu$^{2+}$ ions.

**Figure S1:** Stoichiometry plot for receptor 1 upon addition of Cu$^{2+}$ ion from fluorescence.

**Figure S2:** Stoichiometry plot for receptor 1 upon addition of Cu$^{2+}$ ion from UV.

**Figure S3:** Stoichiometry plot for receptor 2 upon addition of Cu$^{2+}$ ion from fluorescence.