Electronic Supplementary Material (ESI) for ChemComm. This journal is © The Royal Society of Chemistry 2016

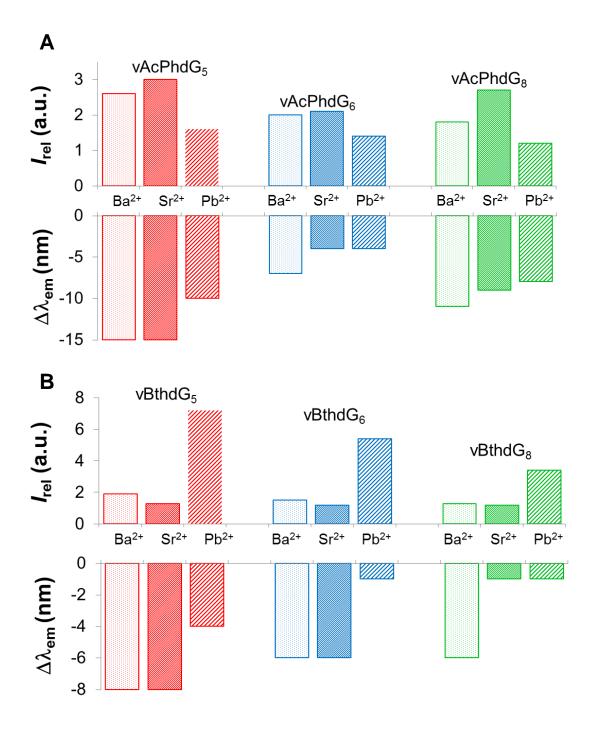
## **Supporting Information for:**

## An internal charge transfer-DNA platform for fluorescence sensing of divalent metal ions

Darian J.M. Blanchard and Richard A. Manderville\*

## Table of Contents

1. Fig S1. Positional-dependent emission intensity and wavelength S2



**Fig. S1.** Positional-dependent (G<sub>5</sub> vs G<sub>6</sub> vs. G<sub>8</sub>) emission intensity ( $I_{rel}$ ) and emission wavelength ( $\Delta\lambda_{em}$ ) values in aqueous buffer at 10 °C. (A) vAcPhdG;  $I_{rel} = (I_{divalent\ metal}/I_{K+})$  and  $\Delta\lambda_{em} = (\lambda_{em(divalent\ metal}) - \lambda_{em(K+)})$ , (B) vBthdG;  $I_{rel} = (I_{K+}/I_{divalent\ metal})$  and  $\Delta\lambda_{em} = (\lambda_{em(divalent\ metal}) - \lambda_{em(K+)})$ .