Supporting Information

Implementation of Logic Gate by Chemically Induced Nitrogen and Oxygen Rich C-dots for Selective Detection of Fluoride Ions

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Fig. S1: Evaluation of fluorescence intensity for the selectivity of OC-dots/NC-dots towards different metal cations.
Fig. S2: Stern-Volmer plot $F_0/F$ vs Quencher concentration ($\text{Fe}^{3+}$ ions) at different temperature.

Fig. S3: Selectivity of OC-dots and ferric ion system towards different metal anions.