Supplementary information

High capacity MnFe$_2$O$_4$/rGO composite for Li and Na-ion battery applications

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Figure S1: XRD patterns for the pure MnFe$_2$O$_4$ along with JCPDS data.
Figure S2: TGA/DSC plots for the MnFe$_2$O$_4$/rGO composite in air atmosphere.
Figure S3: Cyclic voltammetry plots for the pure MnFe$_2$O$_4$ vs. Li/Li$^+$. 
Figure S4: a) cycleability and b) charge–discharge curves for the pure MnFe$_2$O$_4$ vs Li/Li$^+$
Figure S5: XRD patterns for the MnFe$_2$O$_4$/rGO electrodes versus Na/Na$^+$ at a) 1$^{st}$ discharge and b) 1$^{st}$ charge states along with existence compound JCPDS data.