Supplementary information

High capacity MnFe₂O₄/rGO composite for Li and Na-ion battery

applications

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Figure S1: XRD patterns for the pure MnFe₂O₄ along with JCPDS data.



Figure S2: TGA/DSC plots for the $MnFe_2O_4/rGO$ composite in air atmosphere.



Figure S3: Cyclic voltammetry plots for the pure $MnFe_2O_4~Vs.~Li/Li^+$.



Figure S4: a) cycleability and b) charge –discharge curves for the pure MnFe₂O₄ vs Li/Li⁺



Figure S5: XRD patterns for the $MnFe_2O_4/rGO$ electrodes versus Na/Na⁺ at a) 1st discharge and b) 1st charge states along with existence compound JCPDS data.