Supporting Information for Publication

In-situ mitigation of first-cycle anode irreversibility in a new spinel / FeSb lithium-ion cell enabled via a microwave-assisted chemical lithiation process

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Figure S1. Rietveld Refinements of microwave-assisted lithiated spinels.



Figure S2. High-resolution SEM and EDX results showing (a) image, (b) carbon and manganese signals overlaid onto image, (c) manganese signals, and (d) carbon signals.



Figure S3. Cyclability of the FeSb-TiC anode in a 1:1 vol mixture of PC:DEC with 1 M LiPF₆ and 0.05M Lithium bis(oxalate)borate (LiBOB).