Supporting Information for In-Operando X-Ray Studies of the Conversion Reaction in Mn₃O₄ Lithium Battery Anodes

Figure S1. Piecewise-constructed background for x-ray diffraction. Note the intensity is plotted on a log scale to clearly show the background between diffraction peaks from cell components.
Figure S2. Overlaid $k^2$-weighted EXAFS data during phase I. Data Analysis was performed up to $k=10$. 
Figure S3. Demonstration of fitting an intermediate XANES spectra using a linear combination of spectra acquired at 0 and 1 e-/MnO₄⁻.
Figure S4. First derivative of XANES during lithiation of Mn$_3$O$_4$. 
Figure S5. XANES during lithiation of Mn$_3$O$_4$.