Supporting information

Figure SI-1. FTIR spectra of LMNO samples before and after annealing.
Figure SI-2. a) Ni K-edge XANES spectra and b) relationships between $E_0$ and lithium content in chemically delithiated Li$_x$MNO samples. $x$ as indicated.
Figure SI-3. Mn K-edge XANES spectra of aged MNO: a) plate and b) octahedron.