Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: In-situ TEM imaging of $Fe_{0.9}Co_{0.1}OF$ nanorod for their morphological evolution upon electrochemical lithiation.

File Name: Supplementary Movie 2

Description: In-situ TEM imaging of $Fe_{0.9}Co_{0.1}OF$ nanorod for their morphological evolution upon electrochemical delithiation.