Graphene nanosheets encapsulated α-MoO$_3$ nanoribbons with ultrahigh lithium ion storage properties

Pei-Jie Lu a, b, Ming Lei c, Jun Liu * a, b

a School of Materials Science and Engineering, Central South University, Changsha, Hunan, 410083, China
b Key Laboratory of Nonferrous Metal Materials Science and Engineering, Ministry of Education, Central South University, Changsha 410083, Hunan, China
c State Key Laboratory of Information Photonics and Optical Communications, Beijing University of Posts and Telecommunications, Beijing 100876, China

Figure S1 X-ray diffraction pattern of graphene nanosheets and graphite oxide nanosheets.
**Figure S2** Evolution of the Raman spectra during the oxidation and reduction processes for graphite and GO.

**Figure S3** FT-IR spectra of GO and GNS.