Supporting information

MOF-Derived N-doped Hierarchically Porous Carbon Sponges As Immobilizer to Confine Selenium as Cathodes for Li-Se Batteries with Superior Storage Capacity and Perfect Cycling Stability

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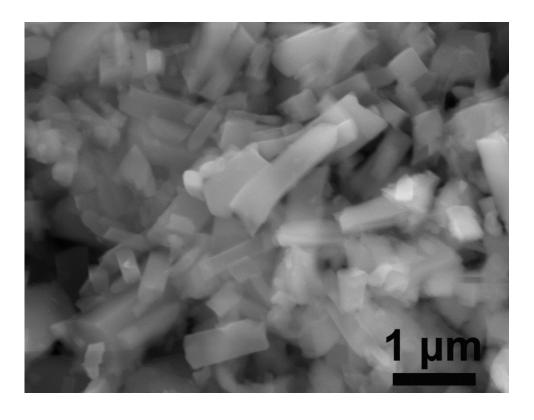
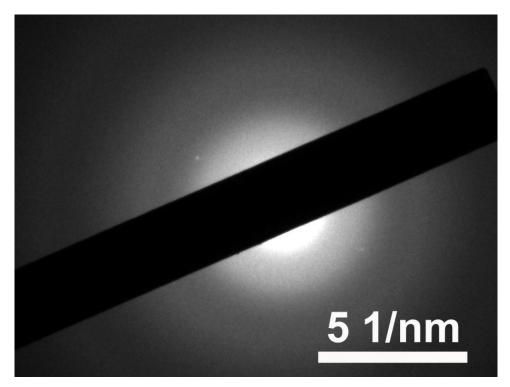


Figure S1. SEM images of the Al-MOF rods.



 $\textbf{Figure S2.} \ The \ selected \ area \ electron \ diffraction \ (SAED) \ pattern \ of \ the \ NCS/Se-50 \ composite.$

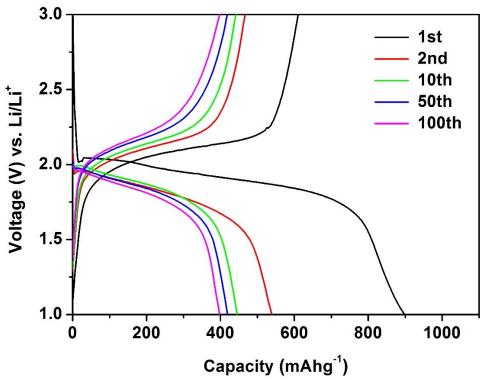


Figure S3. Discharge—charge profiles of the CS/Se-50 cathode at a current density of 0.5 C in the voltage range 3.0-1.0 V.