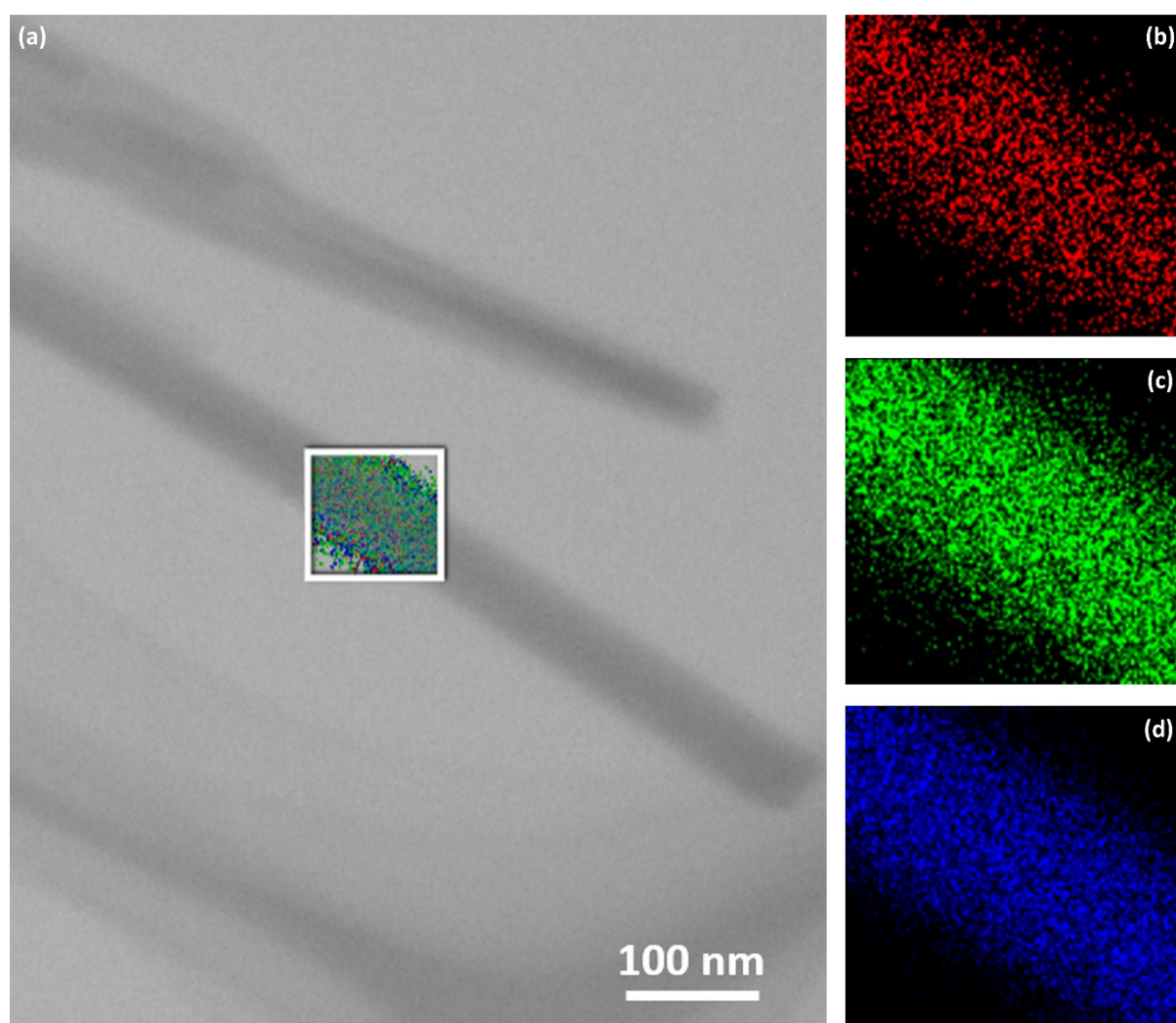


### Supporting Information

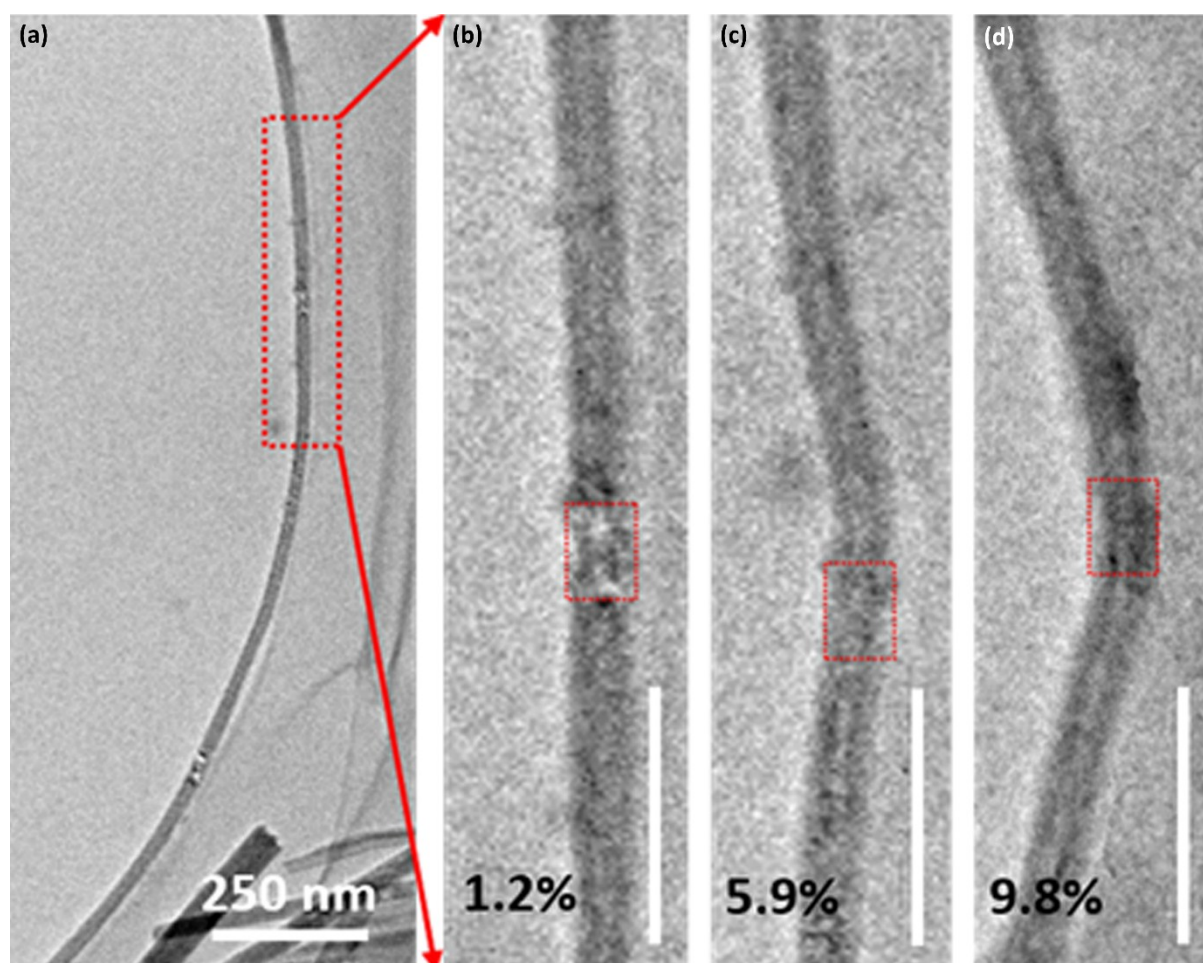
Atomic-Scale Investigation on the Ultra-large Bending Behaviours of Layered Sodium Titanate Nanowires

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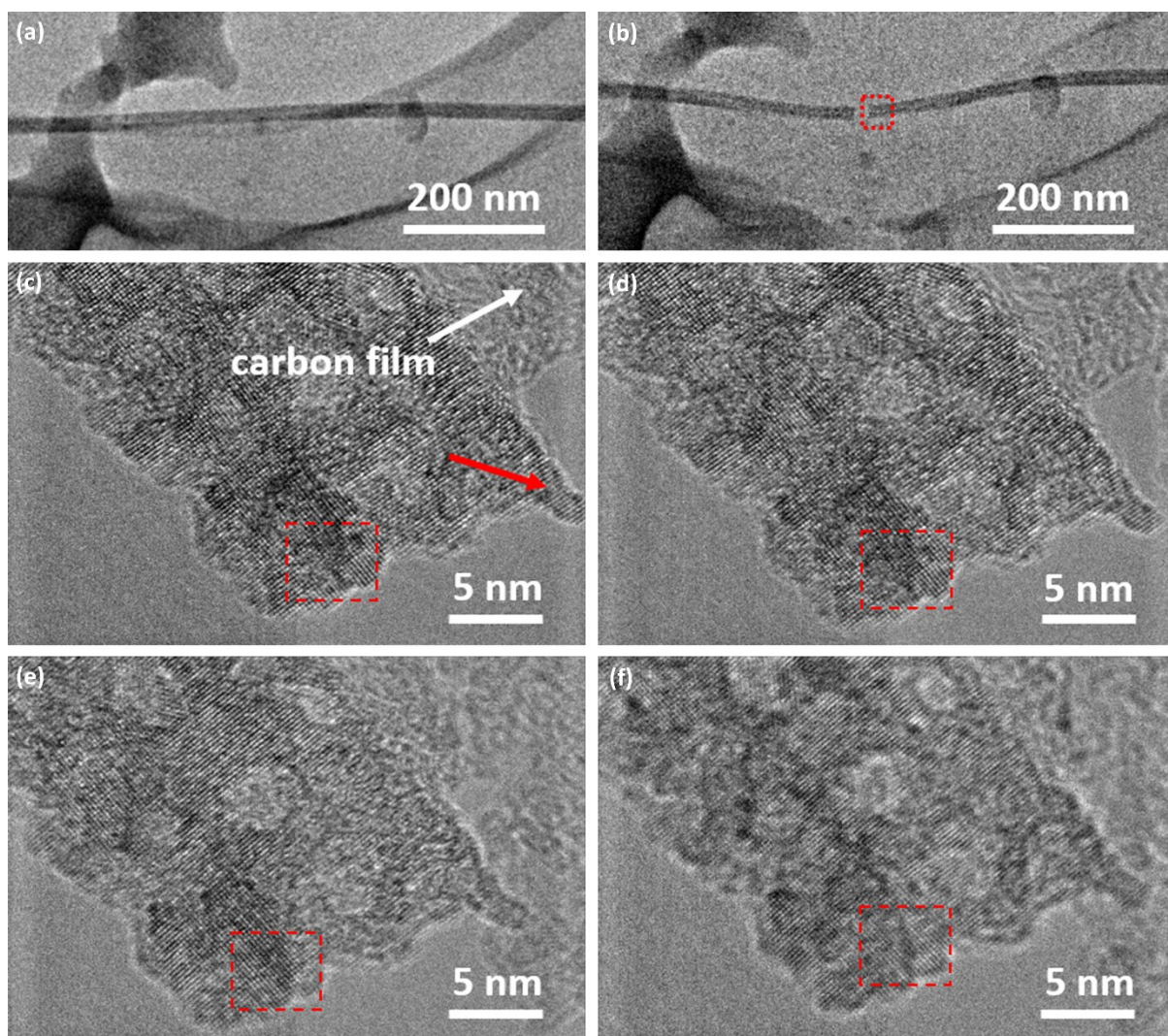
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**Fig. S1** (a) TEM image of the NTO NWs. Elemental mapping of (b) Na, (c) O, and (d) Ti in the square area in (a).



**Fig. S2** (a) low-magnified TEM image of a bent individual NW. TEM images illustrating the bending processes of the NW shown in (a): (b-c) With the strain of 1.2%, 5.9%, and 9.8%, respectively. The scale bars in (b-d) are 100 nm.



**Fig. S3** Low-magnified TEM images of an individual NW (a) before and (b) after fracture. (c-f) Mechanical deformation processes of near the fracture part marked by the box in (b).