## **Electronic Supplementary Information**

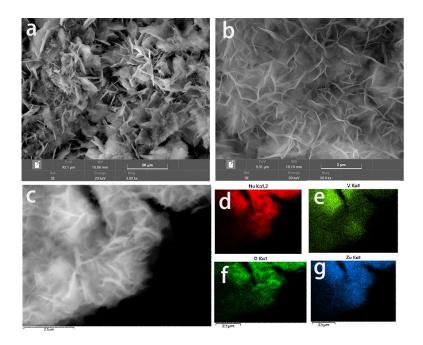
## Anion Deficiency Motivated $Na_2V_6O_{16}$ Nanobelts for Superior Sustainable Zinc Ion Storage

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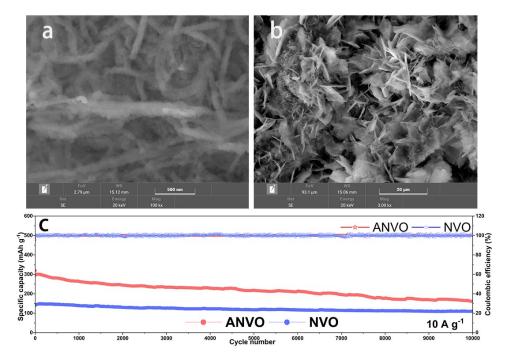
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**Fig. S1** Morphology and composition of cycled ANVO. SEM images of the ANVO cathode (a), (b) after 10,000 cycles at 10 A g<sup>-1</sup>. (c) SEM image and corresponding EDX mappings of (d) Na, (e) V, (f) O, (g) Zn.



**Fig. S2** the SEM of (a-b) ANVO electrodes at the initial state and after 10, 000 cycles. (c) Cyclic performance of ANVO and NVO at a current density of 10 A g<sup>-1</sup>.