

## *Supporting Information*

### **Co-Fe Layered Double Hydroxide Nanowall Array Grown from Alloy Substrate and its Calcined Product as a Composite Anode for Lithium-Ion Batteries**

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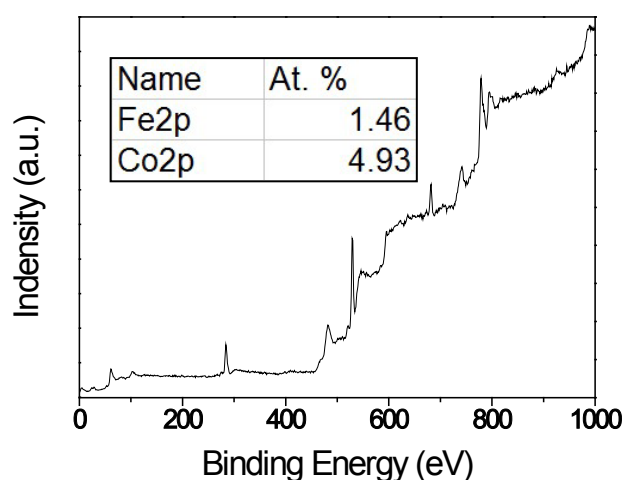


Fig. S1 XPS survey spectrum of Co-Fe LDH precursors grown on alloy substrate.

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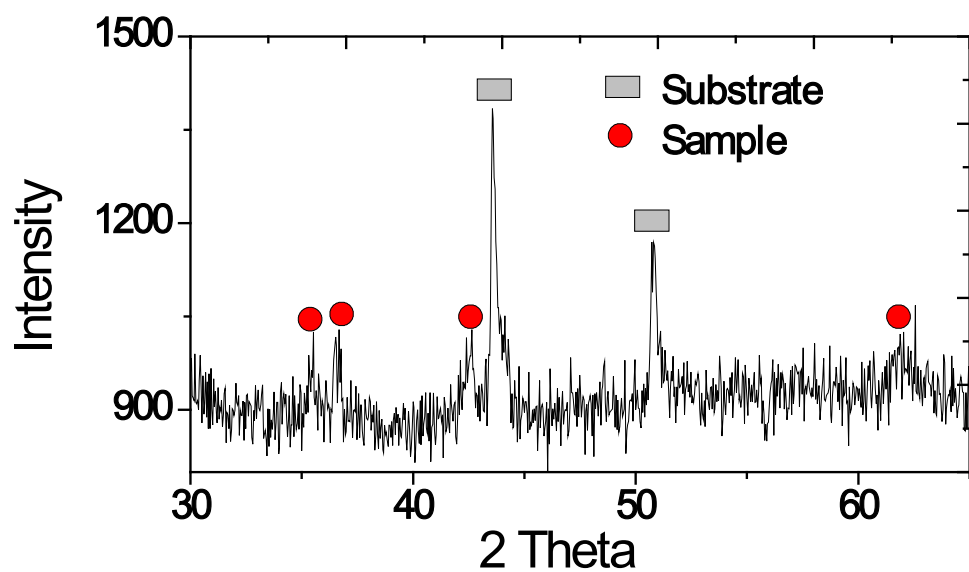


Fig.S2 XRD pattern of carbon/Co-Fe mixed oxide NWAs on alloy substrate.

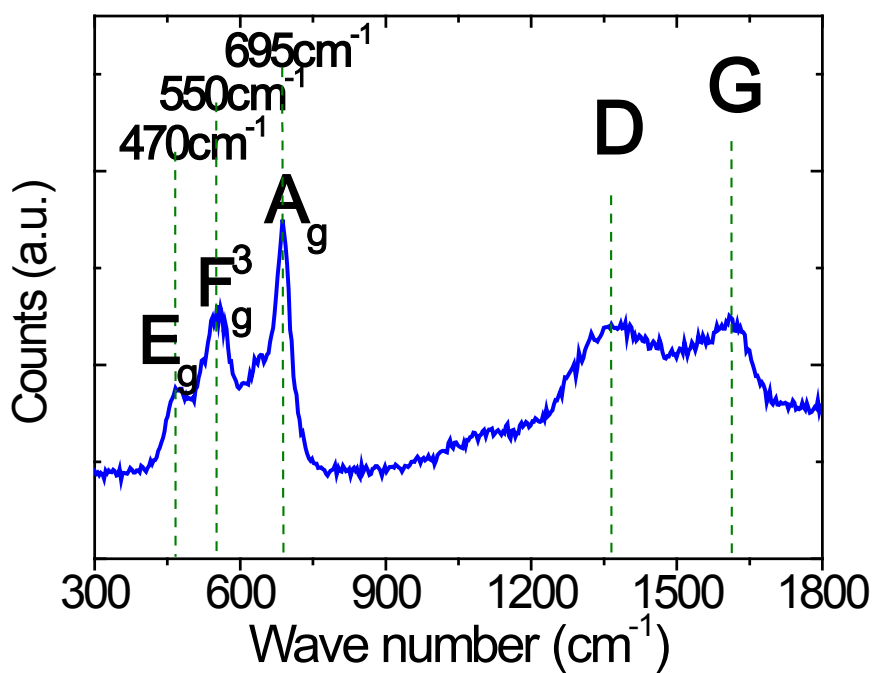


Fig. S3 Raman spectrum of carbon/Co-Fe mixed oxide NWAs.