

## Supplemental information

### **Co doped NiFe LDH nanosheets in-situ anchored on MXene for highly efficient oxygen evolution reaction in water splitting**

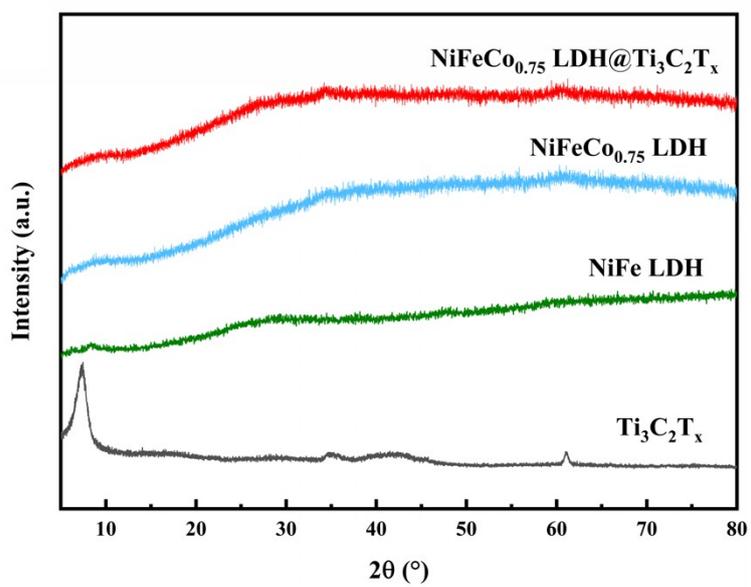
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**Fig. S1.** XRD of  $\text{Ti}_3\text{C}_2\text{T}_x$ , NiFe LDH,  $\text{NiFeCo}_{0.75}$  LDH and  $\text{NiFeCo}_{0.75}$  LDH@ $\text{Ti}_3\text{C}_2\text{T}_x$ .