## Supporting Information

Investigation into the effect of Fe-site substitution on the performance of  $Sr_2Fe_{1.5}Mo_{0.5}O_{6-\delta}$  anode for SOFC

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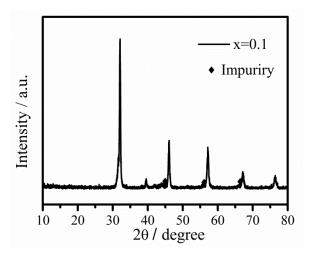


Figure S1. XRD patterns of SFNM0.1 powder after reduction in H<sub>2</sub> at 800 °C for 3 h.

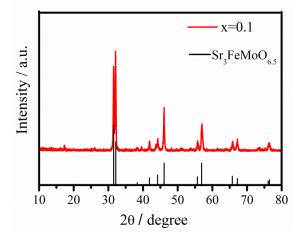


Figure S2. XRD patterns of SFNM0.1 powder after reduction in H<sub>2</sub> at 800 °C for 24 h.

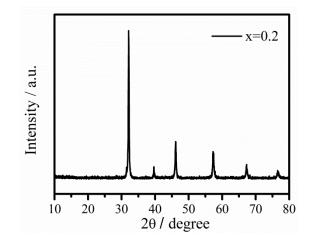


Figure S3. XRD patterns of re-oxidized SFNM0.2 sample in air at 800 °C for 10 h.