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## Supplementary Materials for

### **Strain-driven autonomous control of cation distribution for artificial ferroelectrics**

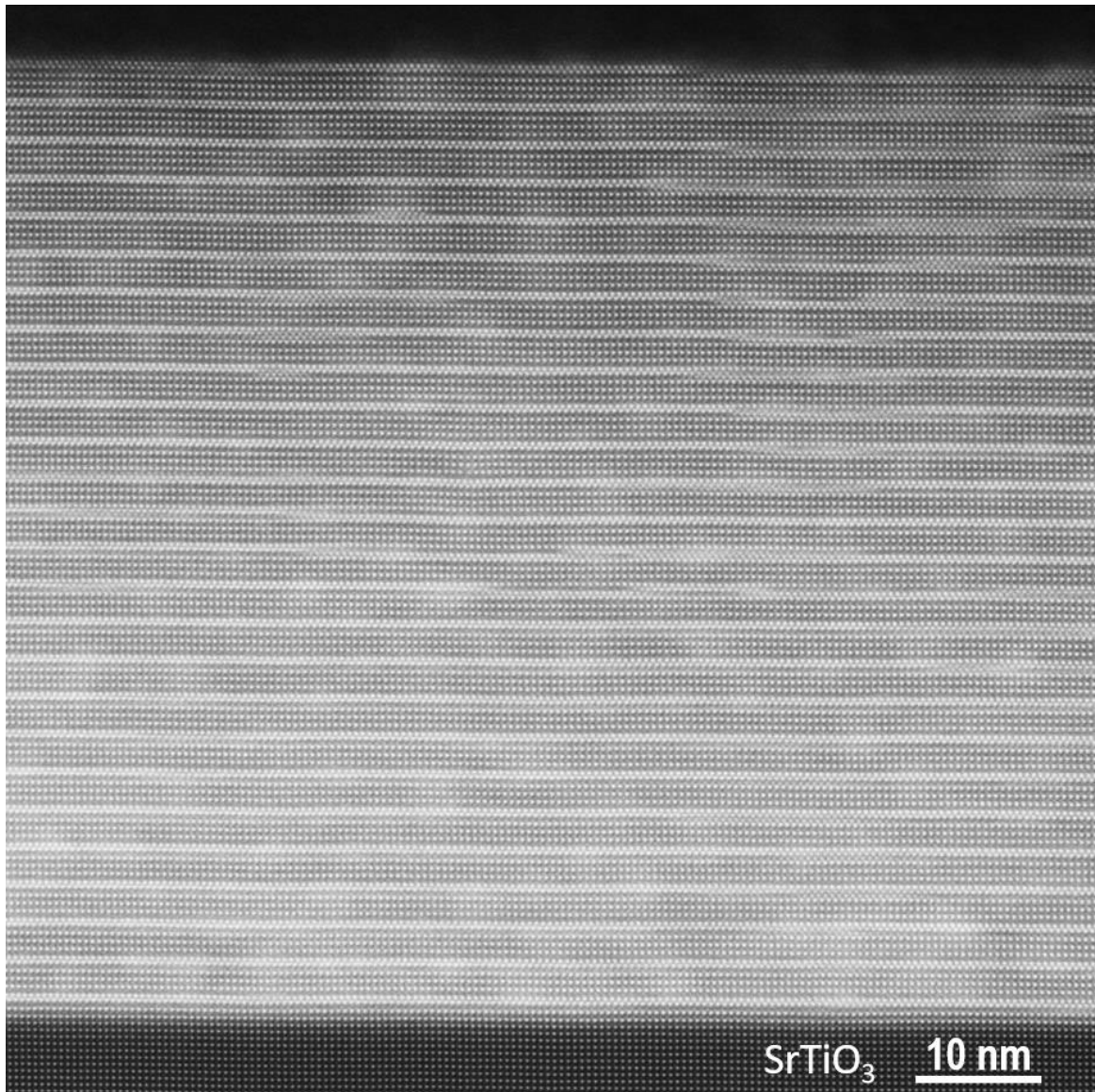
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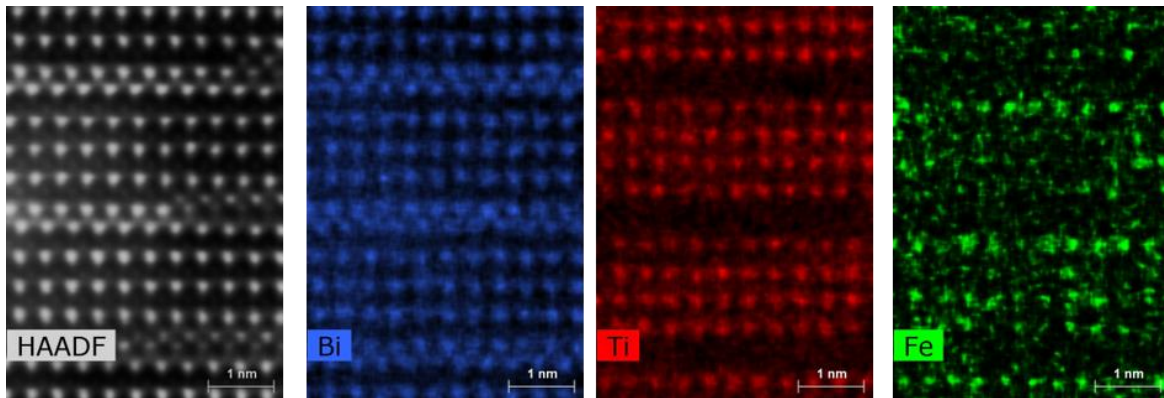
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#### **This PDF file includes:**

Figs. S1 and S2



**Fig. S1. A wide HAADF image of a BiTF film grown on STO substrate. Clear  $n=4$  Aurivillius phase was observed with four oxygen octahedra between two  $\text{BiO}^{2-}$  layers.**



**Fig. S2. Atomic resolved STEM-EDX mapping of BiTF film grown on LSAT.**