

Supporting information for:

**Reactive Solid Phase Epitaxy of Layered Aurivillius-type Oxyfluorides
 $\text{Bi}_2\text{TiO}_4\text{F}_2$ using Polyvinylidene Fluoride**

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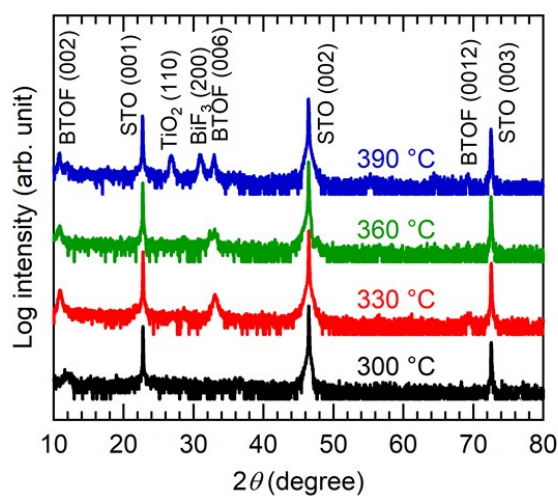


Figure S1. Out-of-plane XRD 2θ - θ patterns for the PVDF-treated films at 300, 330, 360 and 390 °C for 12 h under an Ar flow. BTOF and STO denote $\text{Bi}_2\text{TiO}_4\text{F}_2$ and SrTiO_3 , respectively.