Electronic supplementary information (ESI)

Investigation of piezoelectric property and nanodomain structures for PIN-PZ-PMN-PT single crystals as a function of crystallographic orientation and temperature

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Fig. S1 Surface topography and corresponding PFM phase images of (a, c) [001] c and (b, d) [011] c PIN-PZ-PMN-PT single crystals.
**Fig. S2** Domain diameter of [001]_c and [011]_c PIN-PZ-PMN-PT single crystal as a function of DC bias voltage for 1s durations, using an EFM probe with 100 nN loading force. Insets show the corresponding PFM phase images.