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**Supporting information for article:**

**An *in situ* synchrotron study of the localized B2↔B19' phase transformation in an Ni–Ti alloy subjected to uniaxial cyclic loading–unloading with incremental strains**

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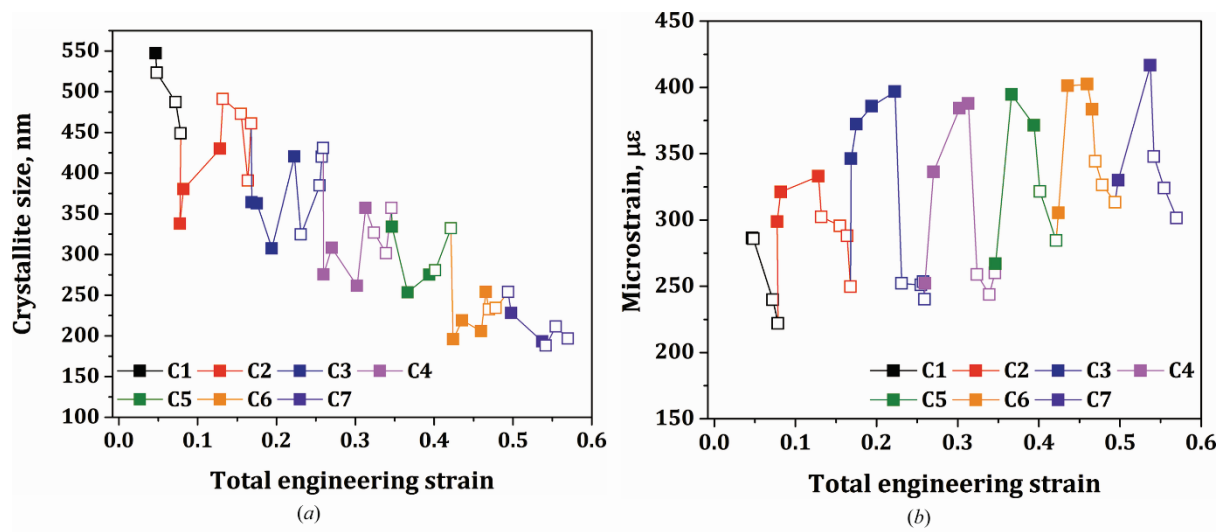


Fig. S1. The evolution of (a) crystallite size and (b) non-uniform microstrain versus total engineering strain for the  $(1\bar{2}1)_{B19'}$  grain families. Solid marker = loading, open marker = unloading.