

Figure S1. Microstructures with higher magnification of the as-hot-rolled sample at locations of different rolling strains: (a) $\epsilon = 0.05$, (b) $\epsilon = 0.10$, (c) $\epsilon = 0.15$, (d) $\epsilon = 0.20$, (e) $\epsilon = 0.25$, (f) $\epsilon = 0.30$, (g) $\epsilon = 0.35$, (h) $\epsilon = 0.40$, (i) $\epsilon = 0.45$, (j) $\epsilon = 0.50$, (k) $\epsilon = 0.55$.

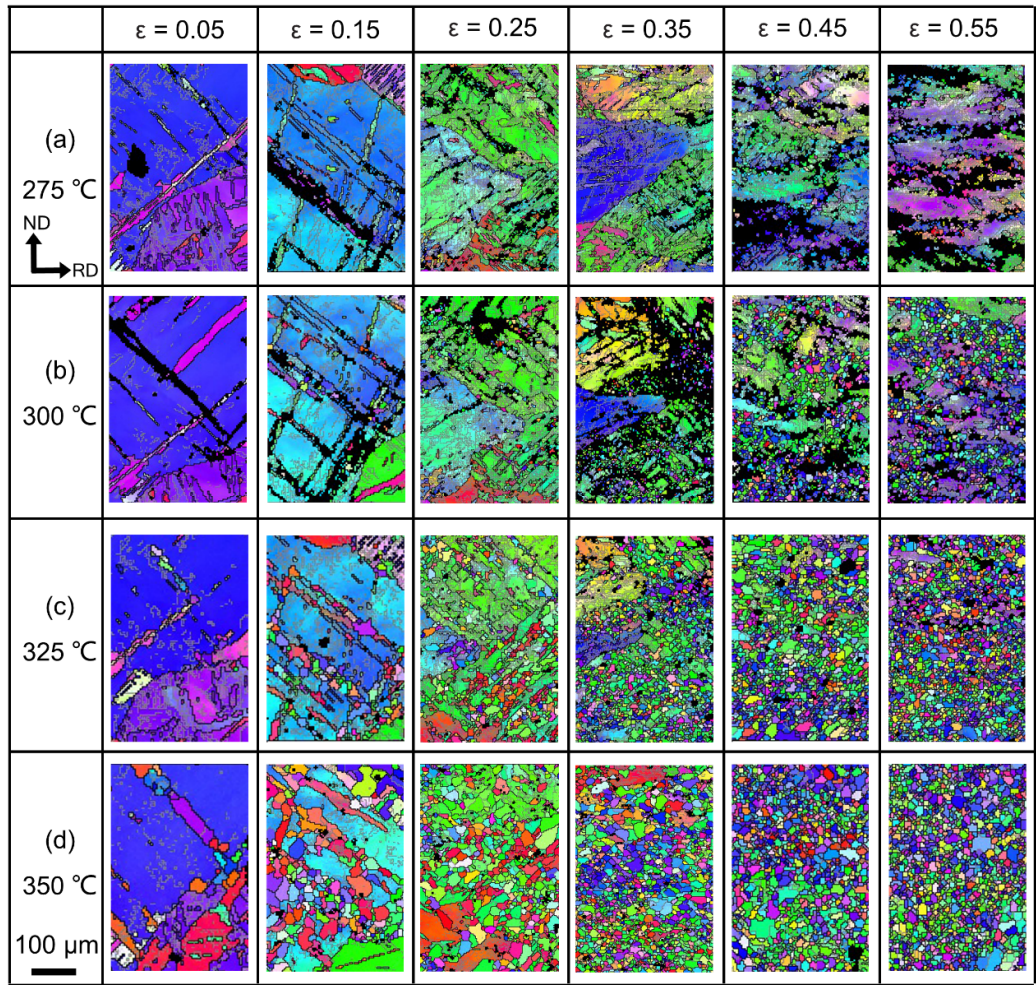


Figure S2. EBSD inverse pole figure (IPF) maps with high magnification of the hot-rolled sample annealed at different temperatures for 1 h: (a) 275 °C, (b) 300 °C, (c) 325 °C, (d) 350 °C. Observation along TD was applied to the IPF triangle.