

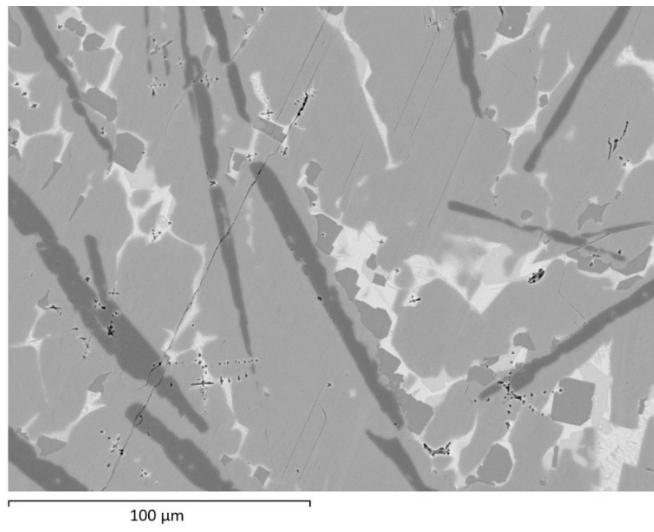
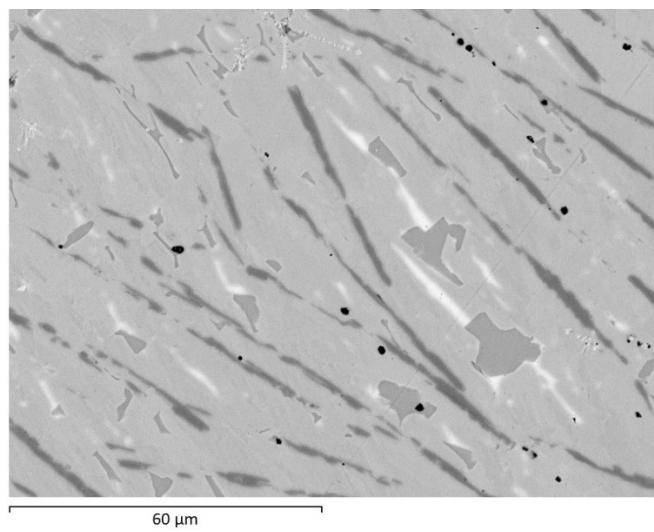
Supplementary materials

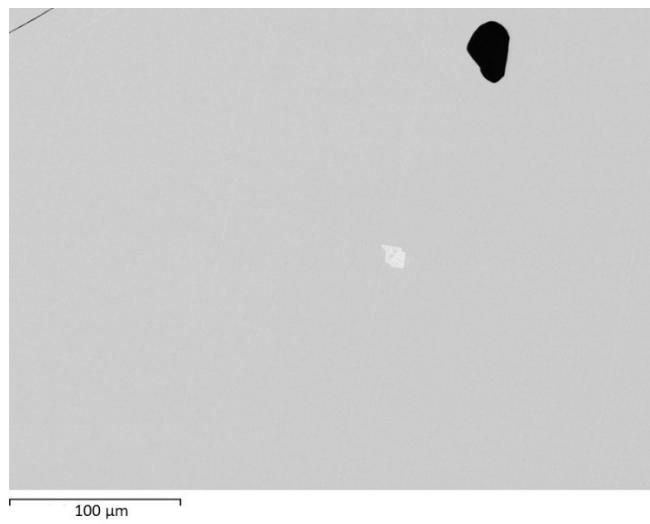
**Extending interstitial tetrelides into carbides: synthesis, crystal, and electronic structure of  $\text{RE}_2\text{Co}_2\text{AlC}$  ( $\text{RE}=\text{La, Pr, Nd}$ )**

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**Figure S1.** Micrographs of the bulk samples: a) as-cast  $\text{Pr}_2\text{Co}_2\text{Al}$ , b) as-cast  $\text{Nd}_2\text{Co}_2\text{Al}$ , c) heat-treated  $\text{Pr}_2\text{Co}_2\text{AlC}$ , d) heat-treated  $\text{Nd}_2\text{Co}_2\text{AlC}$





100  $\mu\text{m}$

*c*



70  $\mu\text{m}$

*d*