$A_{0.3}ZrNF_{1.3}$ Phases ($A = Na, K$) with Layered $ZrNCl$ Type Structures by Anion
Metathesis

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SUPPORTING INFORMATION

Figure S-1. Ball and stick drawing of the NaF_6 coordination sphere of Na_xZrNF_{1+x} .

The coloring scheme is as follows: sodium – dark gray, fluoride – green.

Figure S-2. Powder XRD profiles of as prepared ZrNCl (top) and the unwashed, amorphous $\text{Na}_x\text{ZrNF}_{1+x}$ phase (bottom) obtained from as prepared starting material. NaCl and NaF reflections are indicated by X's and dots, respectively.

Figure S-3. Powder XRD profiles of as-prepared (top) and recrystallized β -ZrNCl starting materials showing selected $[00l]$ reflections.