Electronic Supporting Information

W_4IrC_{1-x}: A new noncentrosymmetric superconductor with the cubic β-Mn type structure

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S1. Comparison between the XRD patterns of as-cast and annealed W_4IrC

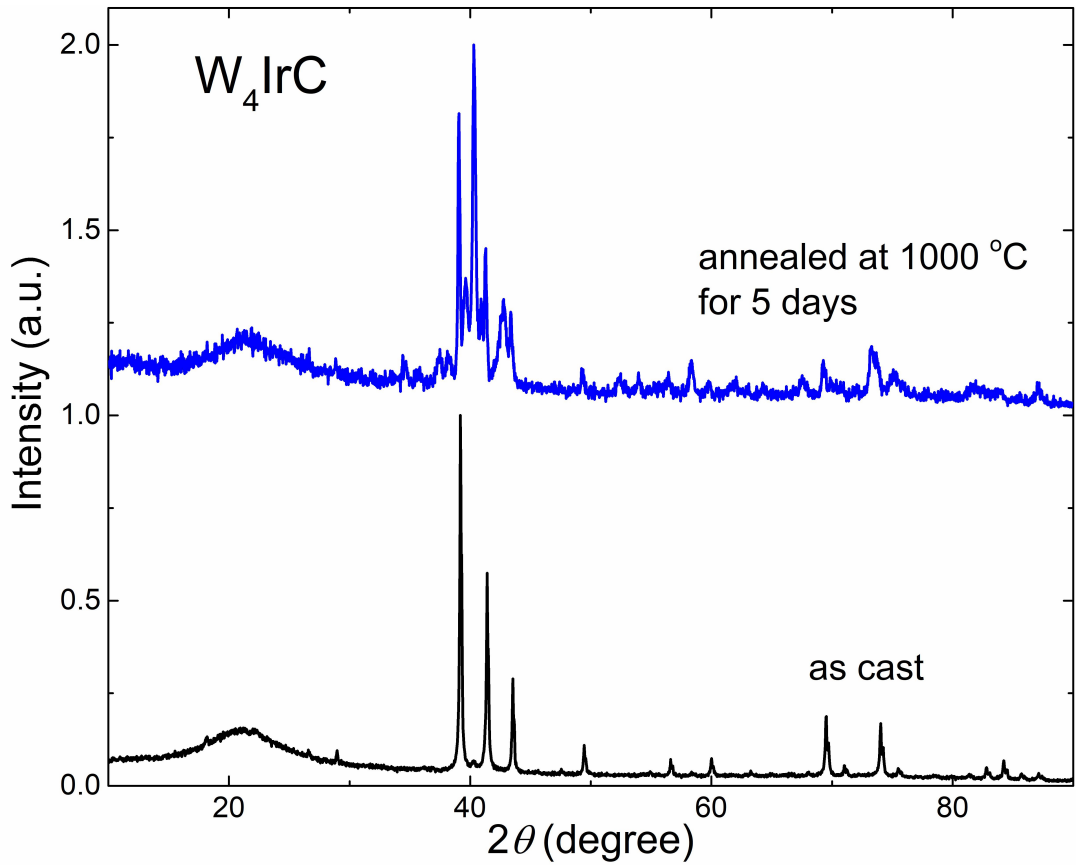

Figure S1. XRD pattern of as-cast and annealed W_4IrC. The annealing condition is 1000℃ for 5 days.

S2. EDX elemental mapping results for $W_4IrC_{0.8}$

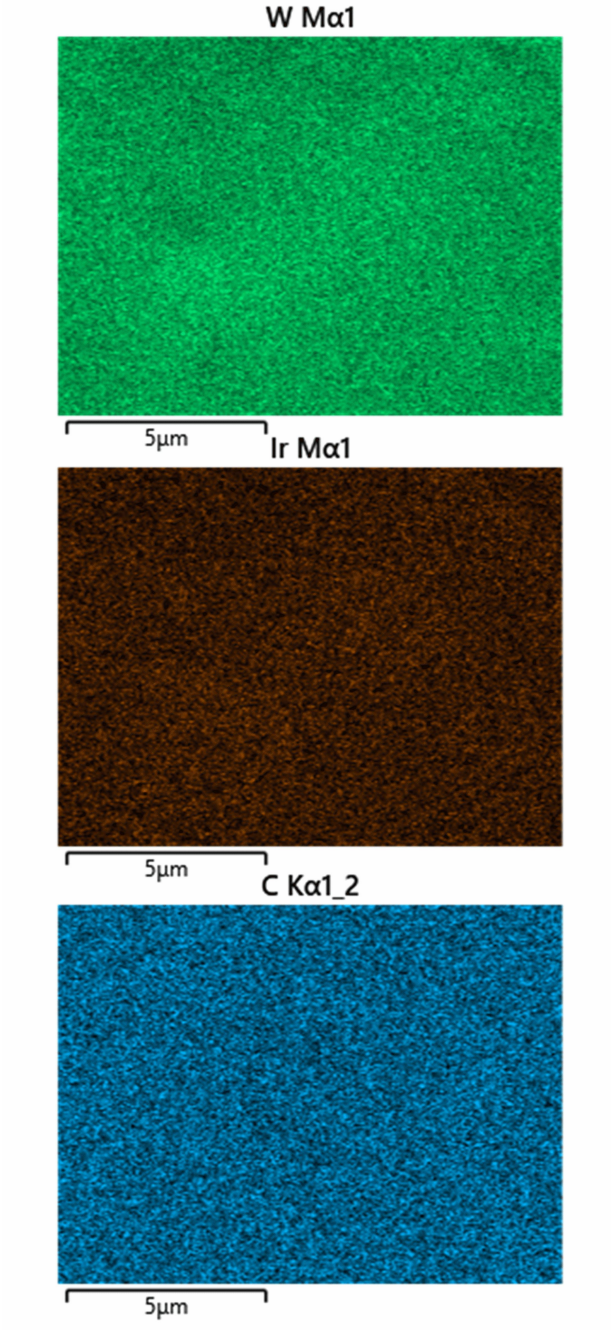

Figure S2. EDX elemental mapping results of W, Ir, and C for $W_4IrC_{0.8}$.