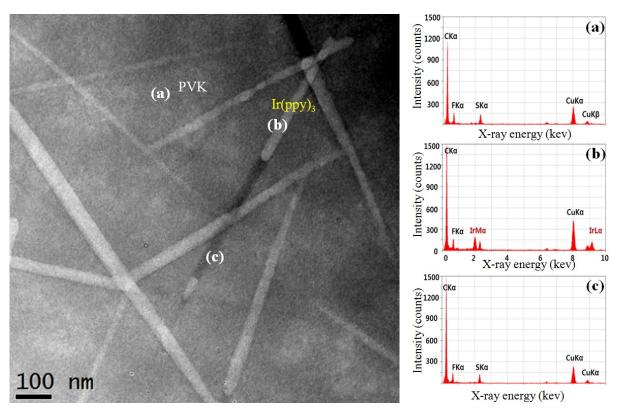
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**Fig. S1.** (S)TEM-HADDF image taken from a thermally annealed PVK:Ir(ppy)<sub>3</sub> at 150 °C showing the local contrast change of the needle-like features and the corresponding EDS results acquired from (a) PVK, (b) and (c) needle-like features, respectively.