Supporting Information for

Centimeter-Sized Lead-Free Iodide-Based Hybrid Double Perovskite Single Crystals for Efficient X-Ray Photoresponsivity

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Figure. S1 Powder X-ray Diffraction (PXRD) patterns of experimental data and the calculated data.



Figure. S2 Powder X-ray Diffraction (PXRD) patterns of 28 days data and the calculated data.



Figure. S3 The sensitivity of the device based on $(C_6H_{16}N_2)_2CuBiI_8 0.5H_2O$ single crystal is 5.39 μCGy_{air}^{-1} cm⁻² after the long time stability test.