Supplementary Information

Understanding the Formation and Evolution of Interdiffusion Grown Organolead Halide Perovskite Thin Films by Thermal Annealing

Cheng Bi,^a Yuchuan Shao,^a Yongbo Yuan,^a Zhengguo Xiao,^a Chenggong Wang,^b Yongli Gao,^b and Jinsong Huang^{*a}

^a Department of Mechanical and Materials Engineering and Nebraska Center for Materials and

Nanoscience, University of Nebraska-Lincoln, Lincoln, Nebraska 68588-0656, USA

^b Department of Physics and Astronomy, University of Rochester, Rochester, NY 14627, USA

*To whom correspondence should be addressed-mail: jhuang2@unl.edu



Figure S1, XRD pattern of MAPbI₃ films annealed at 150 °C for 10 min. PbI₂ peak appearing indicates the decomposition.