Electronic Supplementary Material (ESI) for Inorganic Chemistry Frontiers. This journal is © the Partner Organisations 2016

## **Electronic Supplementary Information**

## High Thermoelectric Performance of Polycrystalline $In_4Se_{3-\delta}(CuI)_x$ : Synergistic Effect of Se-deficiency and CuI-doping

Yan-chun Chen,<sup>b</sup> Hua Lin,<sup>b</sup> Li-Ming Wu\*<sup>a</sup>

<sup>&</sup>lt;sup>b</sup> Key Laboratory of Optoelectronic Materials Chemistry and Physics, Fujian Institute of Research on the Structure of Matter, Chinese Academy of Sciences, Fuzhou, Fujian 350002, P. R. China.

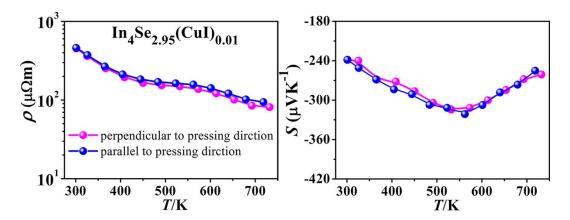


Figure S1. Temperature-dependent electrical resistivity ( $\rho$ ) and Seebeck coefficient (S) of the In<sub>4</sub>Se<sub>2.95</sub>(CuI)<sub>0.01</sub> compound from sections parallel and perpendicular to the pressing direction.

<sup>&</sup>lt;sup>a</sup> Key Laboratory of Theoretical and Computational Photochemistry, Ministry of Education, College of Chemistry, Beijing Normal University, Beijing 100875, People's Republic of China.