

Supporting Information for

## The realization of high thermoelectric figure of merit in Ge-substituted $\beta$ - $\text{Zn}_4\text{Sb}_3$ through band structure modification

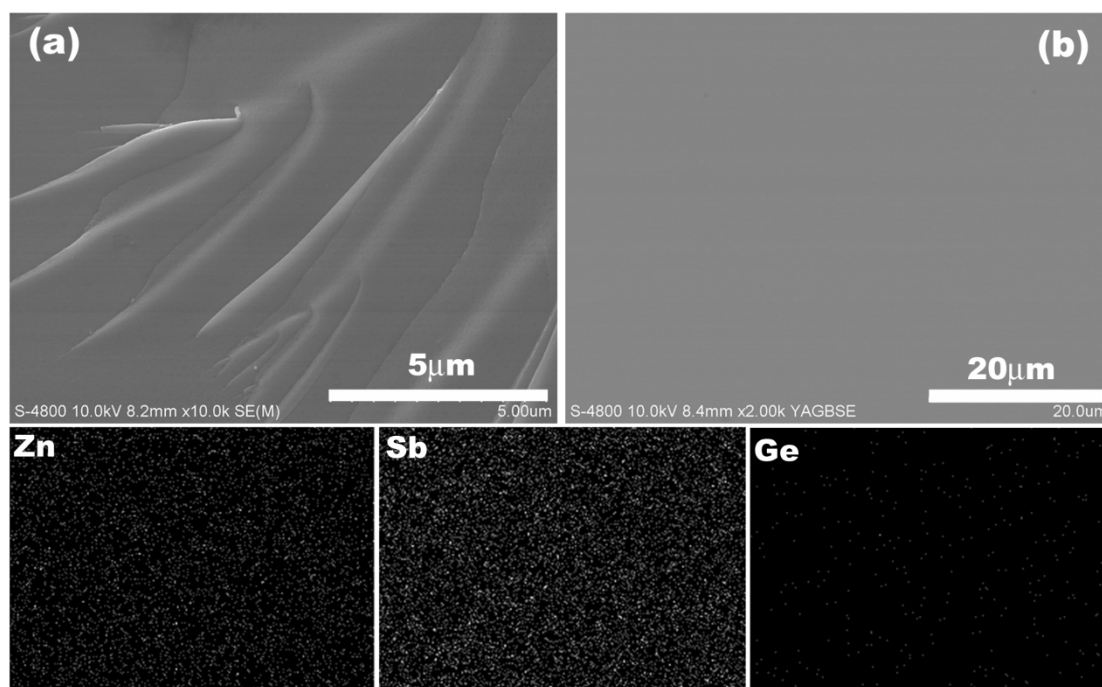


Fig. S1 (a) The secondary electron image and (b) back scattering image of  $x=0.0025$  sample. The elemental distribution maps of Zn, Sb, Ge are also shown which indicate a dense and homogeneous microstructure and composition.