Defect Control in $\text{Ca}_{1-\delta}\text{Ce}_\delta\text{Ag}_{1-\delta}\text{Sb}$ ($\delta \approx 0.15$) Through Nb Doping

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Supporting Information

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1、Figure S1. The electronic ($\kappa_e$) and lattice ($\kappa_l$) contributions of thermal conductivity for $\text{Ca}_{0.725+x}\text{Nb}_{0.1-x}\text{Ce}_{0.15}\text{AgSb}$ ($x \leq 0.05$) and $\text{Ca}_{0.85}\text{Ce}_{0.15}\text{Ag}_{0.85}\text{Sb}$ compounds.

2、Figure S2. Seebeck Pisarenko plot for $\text{Ca}_{0.725+x}\text{Nb}_{0.1-x}\text{Ce}_{0.15}\text{AgSb}$ ($x \leq 0.05$) and $\text{Ca}_{0.85}\text{Ce}_{0.15}\text{Ag}_{0.85}\text{Sb}$ compounds. Experimental data are shown as scattered dots in different colors and the curves were calculated based on the SPB (Single Parabolic Band) model.
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