Supplementary Information for
Crystal Structure and Physical Properties of Indium Flux Grown
$RE_2AuSi_3$ ($RE = Eu, Yb$)

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**Figure S1.** Comparison of PXRD pattern of polycrystalline sample of Eu$_2$AuSi$_3$ with that of simulated pattern obtained from the data of X-ray diffraction on a single crystal.
**Figure S2.** Comparison of PXRD pattern of polycrystalline sample of Yb$_2$AuSi$_3$ with that of simulated pattern obtained from the data of X-ray diffraction on a single crystal.
**Figure S3.** Temperature dependent molar magnetic susceptibility of Yb$_2$AuSi$_3$ after weeks of synthesis at 1 k Oe applied magnetic field. The inset represents the plot of $\chi T$ vs. temperature at the same field. The effective magnetic moment is 2.80 $\mu_B$/Yb.
Figure S4. Field dependence of magnetic moment of oxidized Yb$_2$AuSi$_3$. 