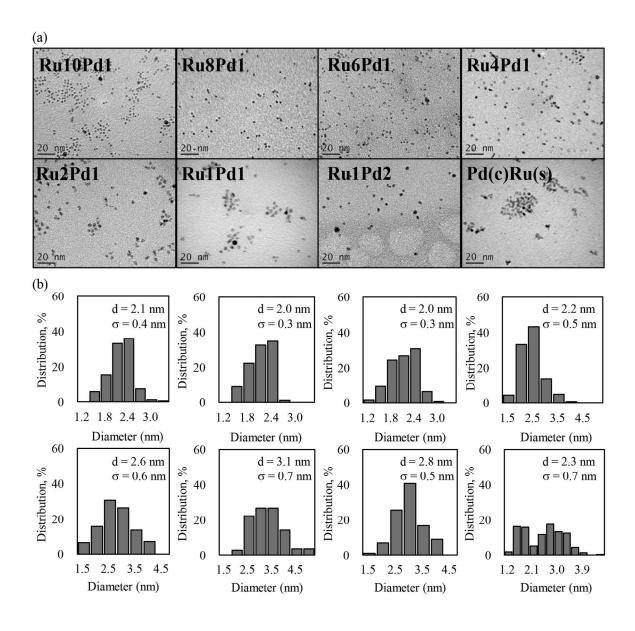
## **Supporting Information.**

## Iridium- and platinum-free ring opening of indan

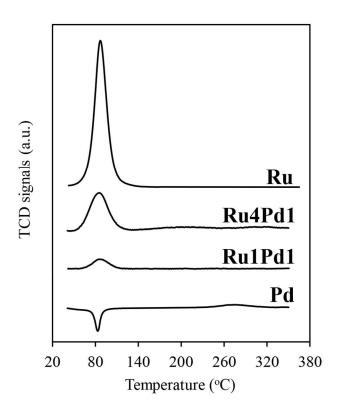
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**Figure S1.** TEM images of PVP-stabilized bimetallic Ru-Pd colloids (the scale bar is 20 nm) and corresponding size distribution histograms



**Figure S2.** TPR profiles of selected mono- and bimetallic Ru-Pd catalysts in H<sub>2</sub>/Ar flow (the TCD signal is inverted so that the positive peaks correspond to hydrogen consumption)