

Supporting information

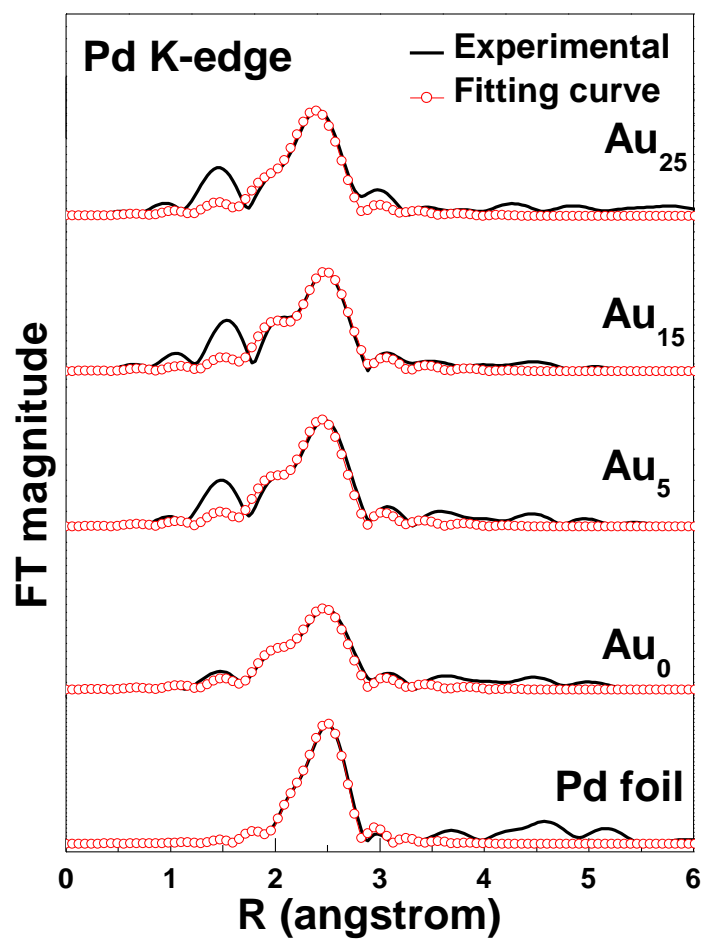


Figure S1 Best fitting curves of the Pd foil and various alloy catalysts obtained from the analysis of Pd K edge in EXAFS spectra.

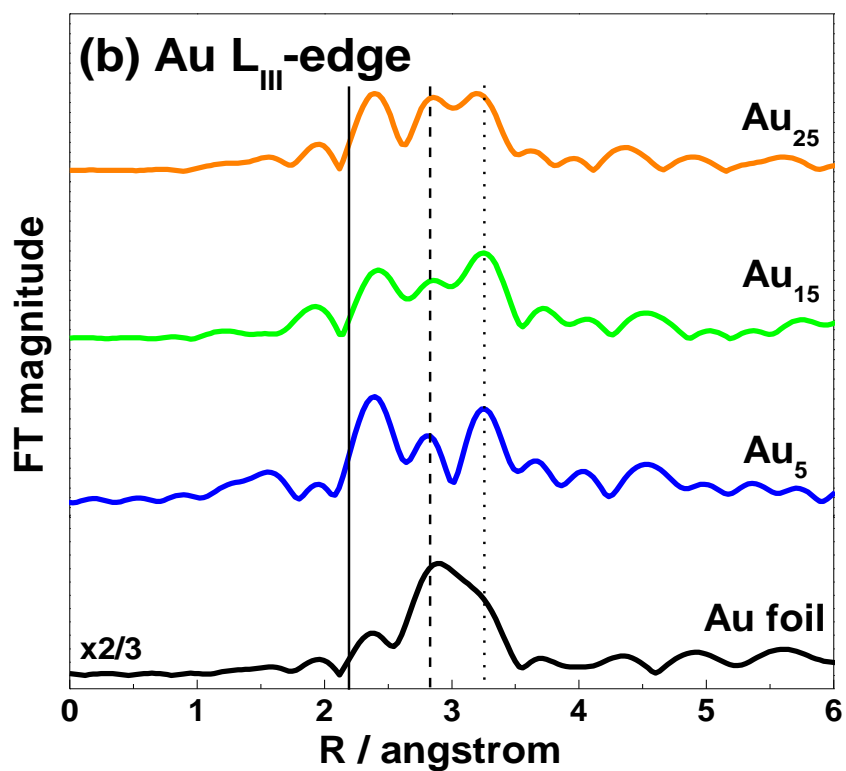
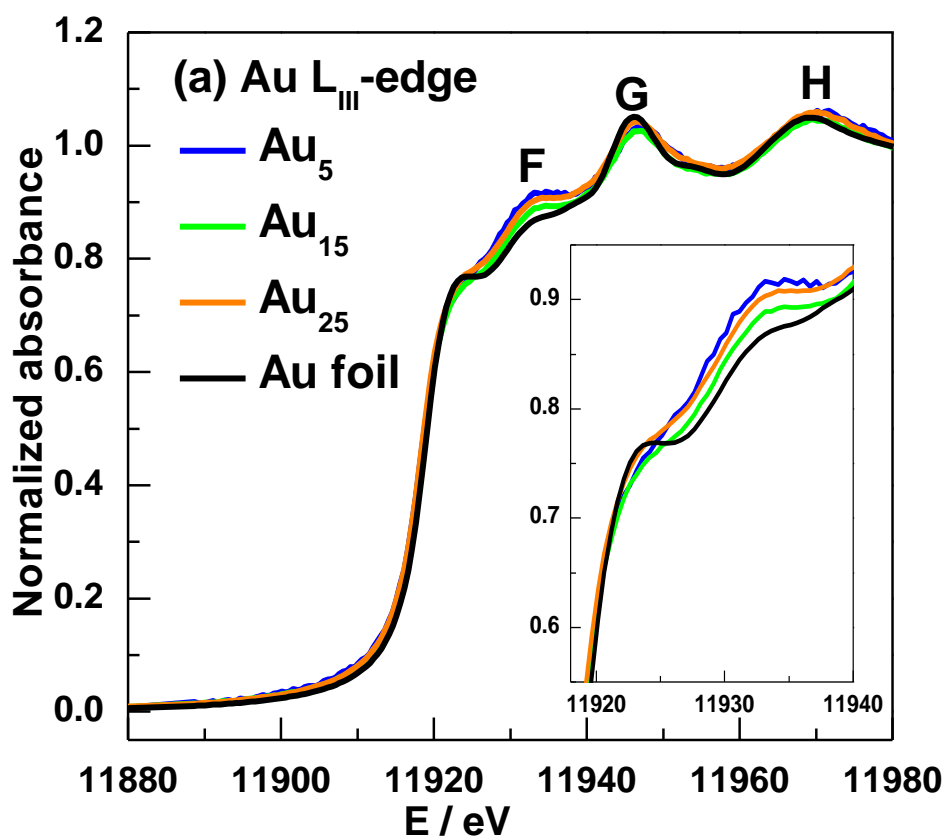


Figure S2 (a) XANES and (b) EXAFS spectra of the Au foil and various alloy catalysts for Au L_{III}-edge.

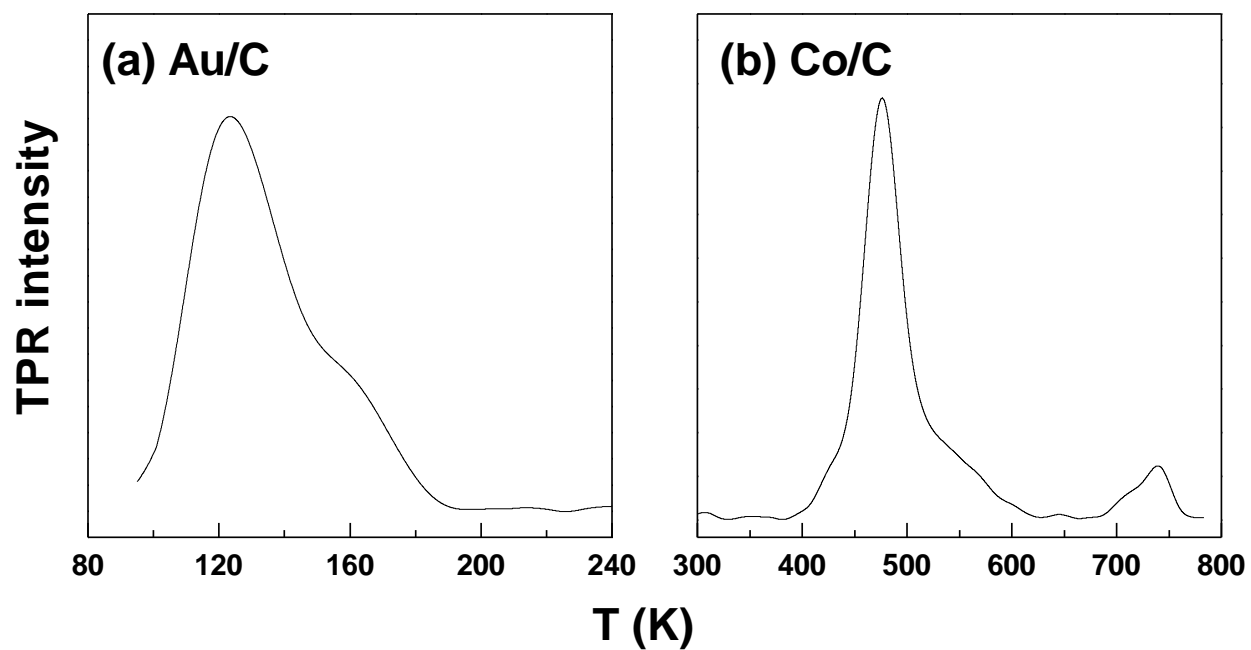


Figure S3 TPR traces of the Au/C and Co/C catalysts.