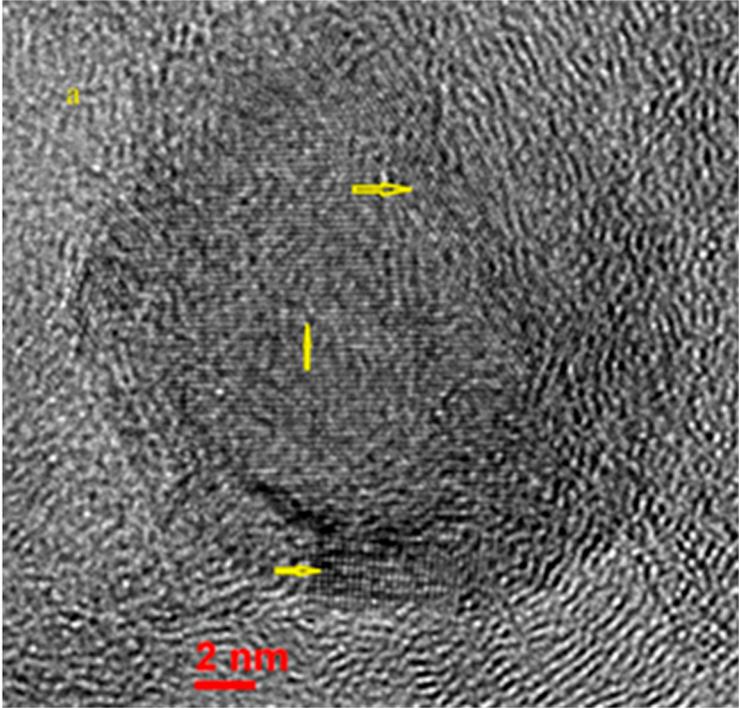
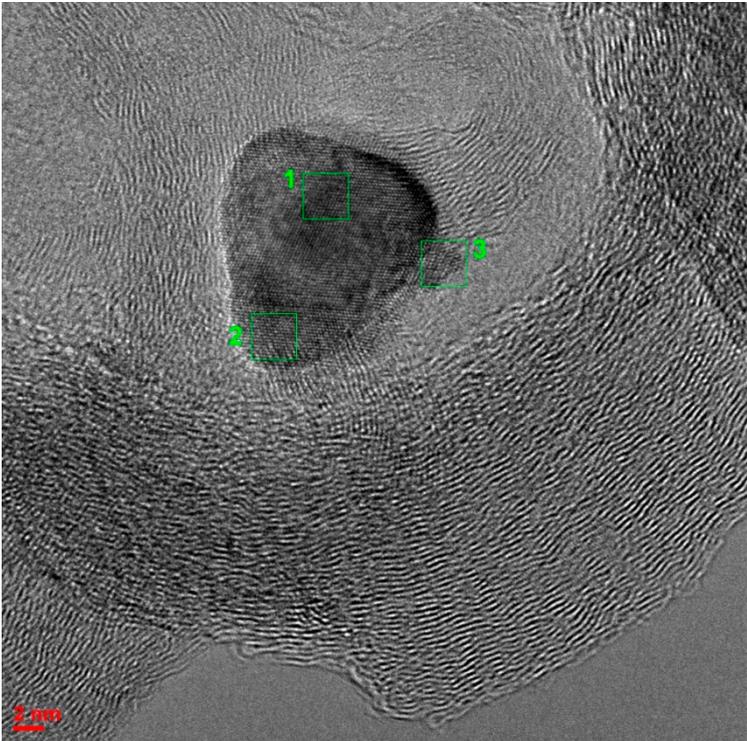


Supplementary Materials



a)



b)

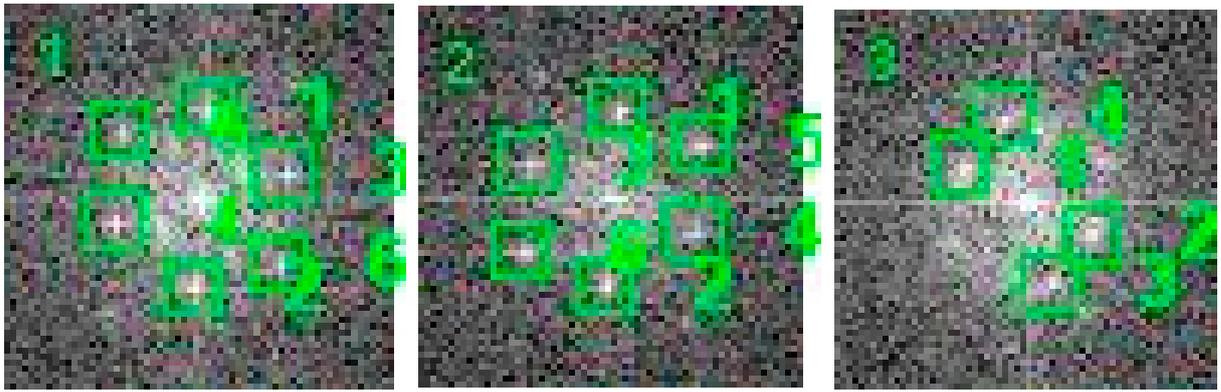


Figure S1. TEM pictures of the surface of catalysts (a) 1.5Cr/3Ni/C_{ox} and (b) 0.1Pt/1.5Cr/3Ni/C_{ox}; electron diffraction patterns of crystallites Cr-Ni (1, 2) and Pt (3) on the surface of the 0.1Pt/1.5Cr/3Ni/C_{ox} catalyst.