Supporting Information

Synthesis of well-dispersive 2.0 nm Pd-Pt bimetallic nanoclusters supported on β-cyclodextrin functionalized graphene with excellent electrocatalytic activity

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Fig. S1 FTIR spectra of β-CD, RGO, and β-CD-RGO.

Fig. S2 TGA curves of β-CD, RGO, and β-CD-RGO.
Fig. S3 CV curves of Pd/C, Pd@β-CD-RGO, Pt@β-CD-RGO, Pd-Pt@-RGO, and Pd-Pt@β-CD-RGO catalysts modified GCE in a N\textsubscript{2} saturated 0.5 M H\textsubscript{2}SO\textsubscript{4} solution at the scan rate of 50 mV s\textsuperscript{-1}.

Fig. S4 The TEM images of Pd/C at different magnification.
Fig. S5 TEM image of Pd-Pt@β-CD-RGO after durability by current-time test recorded at −0.2 V for 4000 s.