Pd induced Pt( IV ) reduction to form Pd@Pt/CNT core-shell catalyst for a more complete oxygen reduction

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Fig. S1. X-ray diffraction of the prepared Pd/CNT,Pd₄@Pt₁/CNT and Pd₂@Pt₁/CNT.
**Fig. S2.** TEM images of Pd/CNT (a) and Pd$_2$@Pt$_1$/CNT (b). HRTEM image of Pd$_2$@Pt$_1$/CNT(c), and selected area electron diffraction (d) of the ring in the (c).
Fig. S3. The relative content of remnant PtCl$_6^{2-}$ vs. reduction time
**Fig. S4.** The mass activity (MA, A mg$^{-1}$) at 0.9 V for the different samples.
**Fig. S5.** Models of pure metals and near surface alloy PdPt