

Electronic Supplementary Information

**Palladium nanoparticles encapsulated inside the pores of metal-
organic framework as a highly active catalyst for
carbon-carbon cross-coupling**

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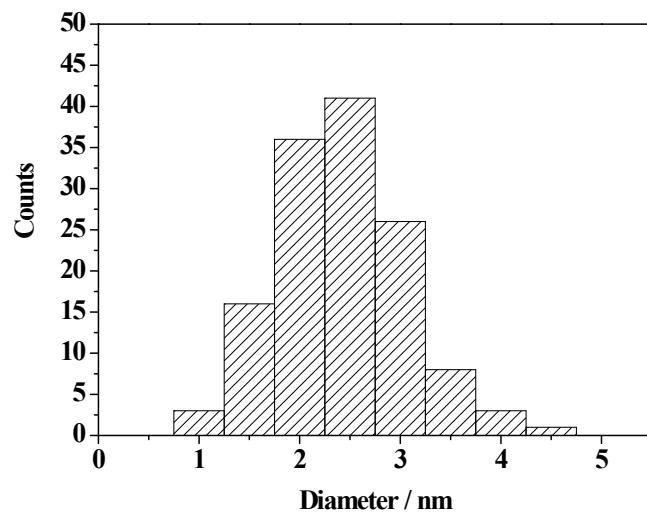


Figure S1. Size distribution of Pd NPs: mean size 2.4 nm.

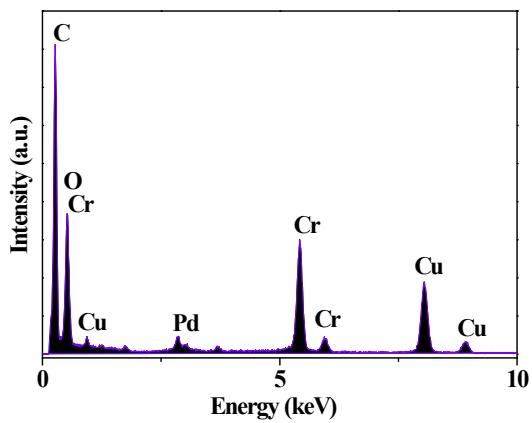


Figure S2. Energy dispersive X-ray (EDX) spectrum of Pd@MIL-101. The copper signal originates from Cu grid.

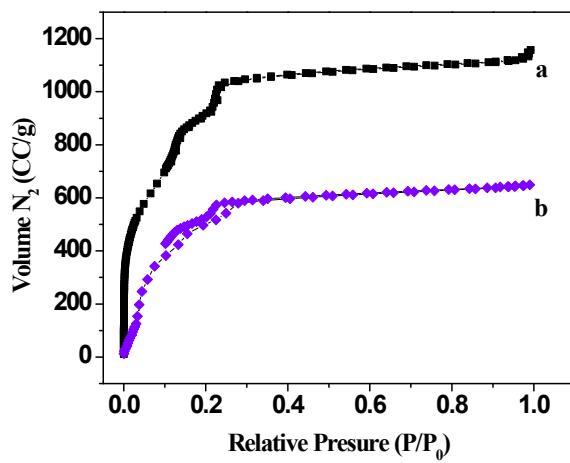


Figure S3. N_2 sorption isotherms of the MIL-101 (a) and Pd@MIL-101 (b).