Supplementary Information

Facile Preparation of Pd/UiO-66-v for the Conversion of Furfuryl Alcohol to Tetrahydrofurfuryl Alcohol under Mild Conditions in Water

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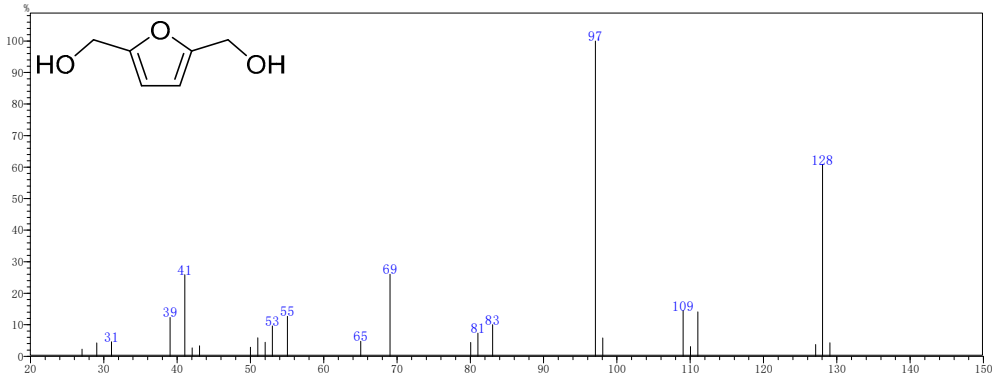

Figure S1. Mass spectrum for BHMF.

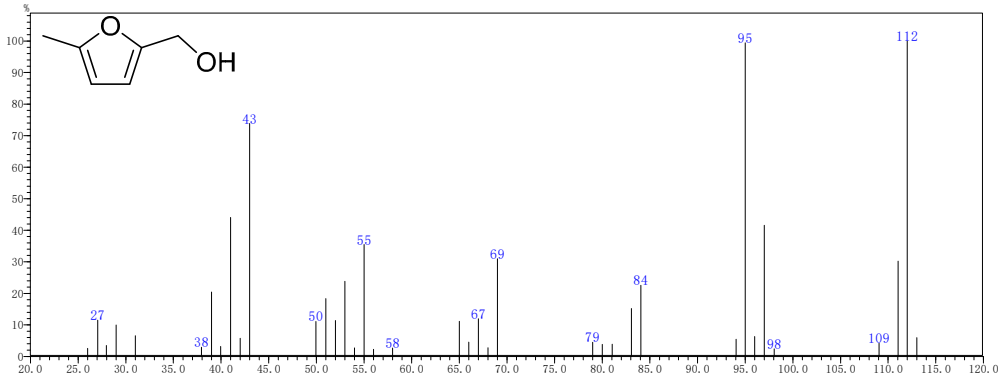

Figure S2. Mass spectrum for 5-methylfuran-2-methanol.

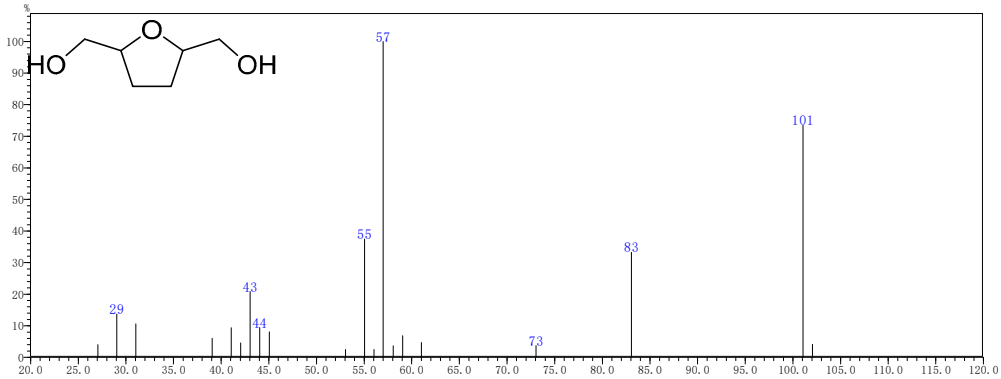

Figure S3. Mass spectrum for (tetrahydrofuran-2,5-diyl)dimethanol.

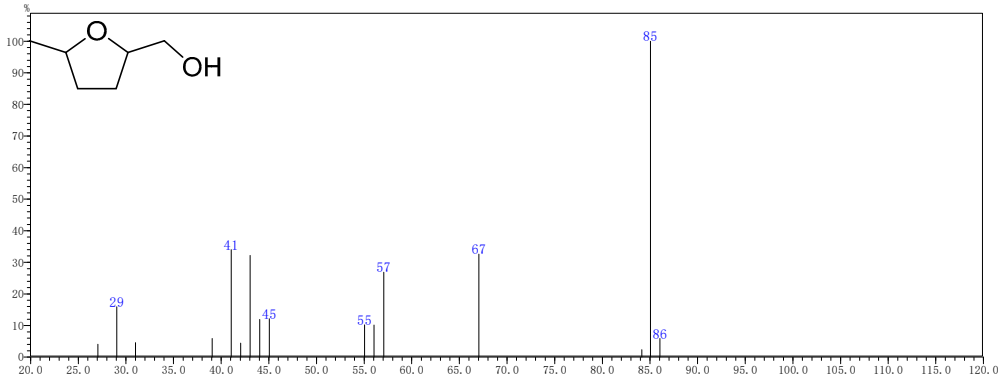

Figure S4. Mass spectrum for (5-methyltetrahydrofuran-2-yl)methanol.

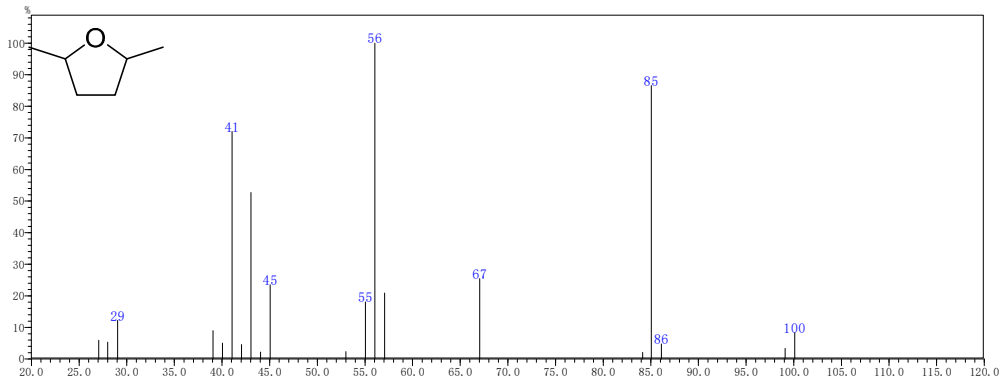

Figure S5. Mass spectrum for 2,5-dimethyltetrahydrofuran.

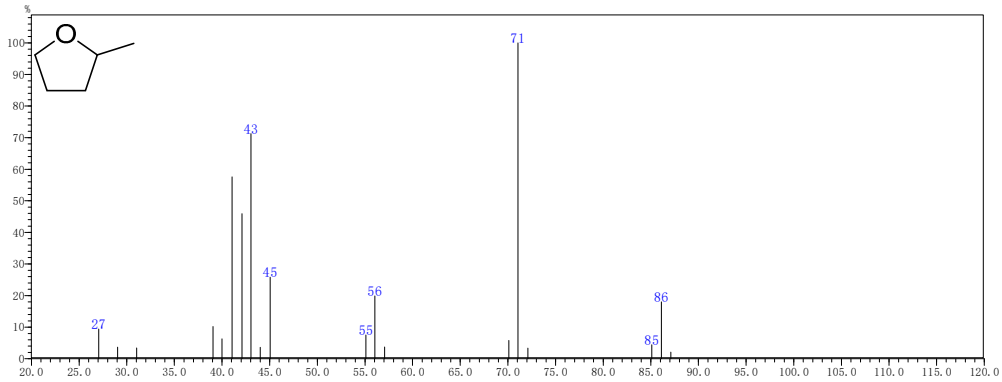

Figure S6. Mass spectrum for 2-methyltetrahydrofuran.

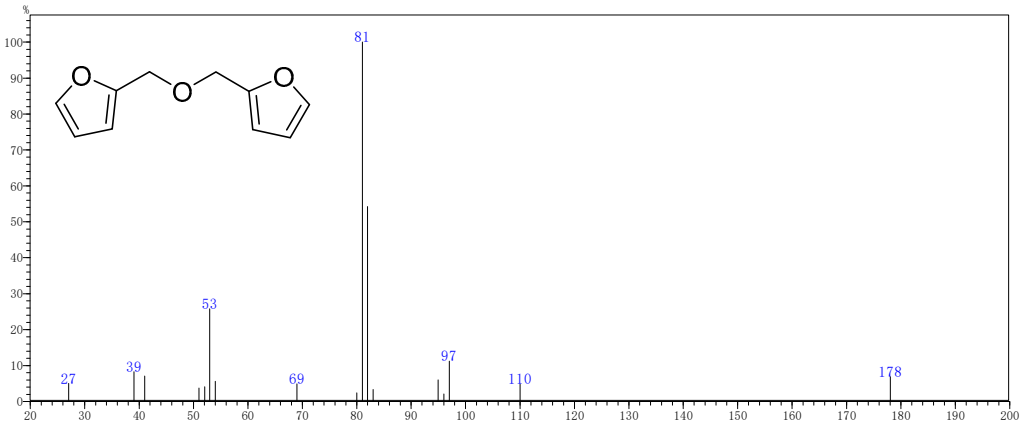

Figure S7. Mass spectrum for 2,2'-(oxybis(methylene))difuran.

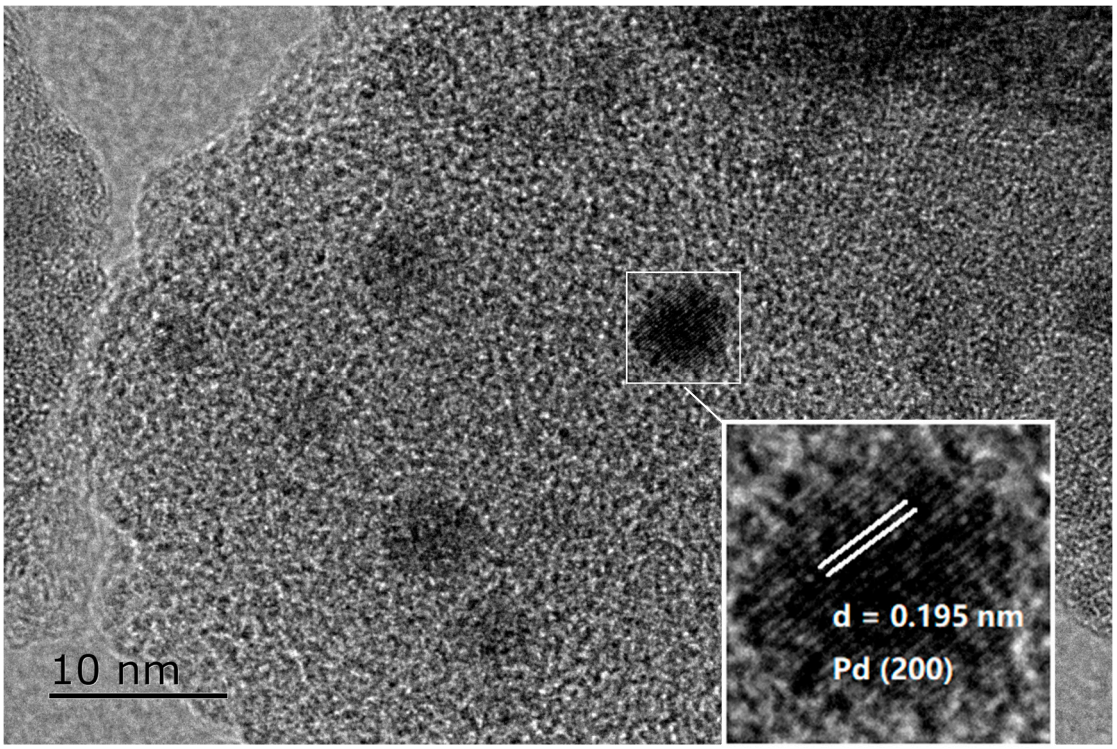

Figure S8 The HRTEM picture of Pd/UiO-66-v.

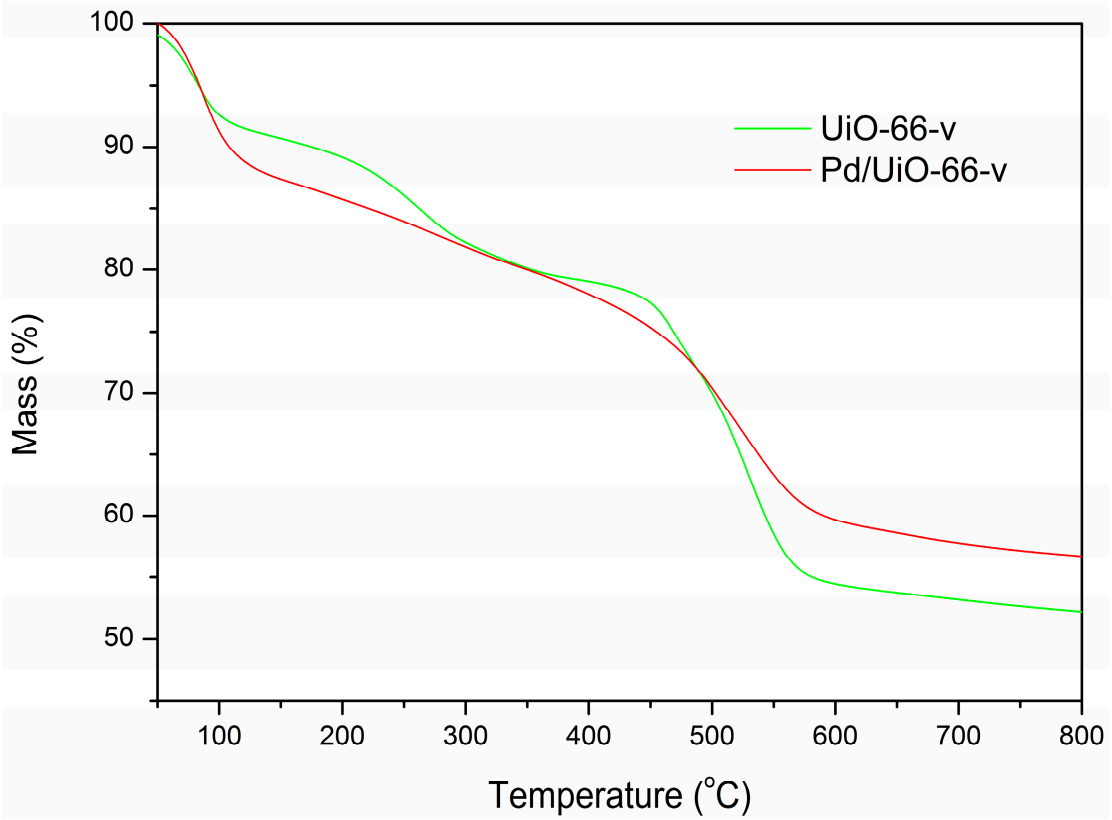

Figure S9. The TG curves for UiO-66-v and Pd/UiO-66-v.

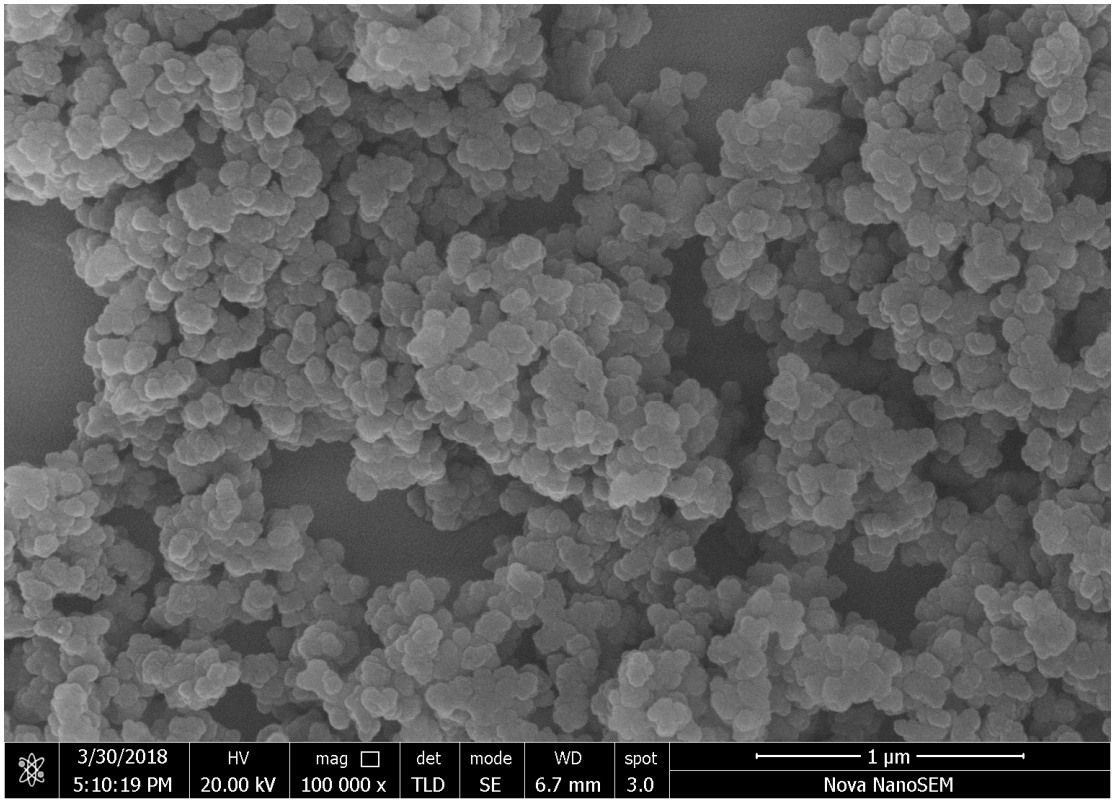

Figure S10. The SEM image for UiO-66-v.

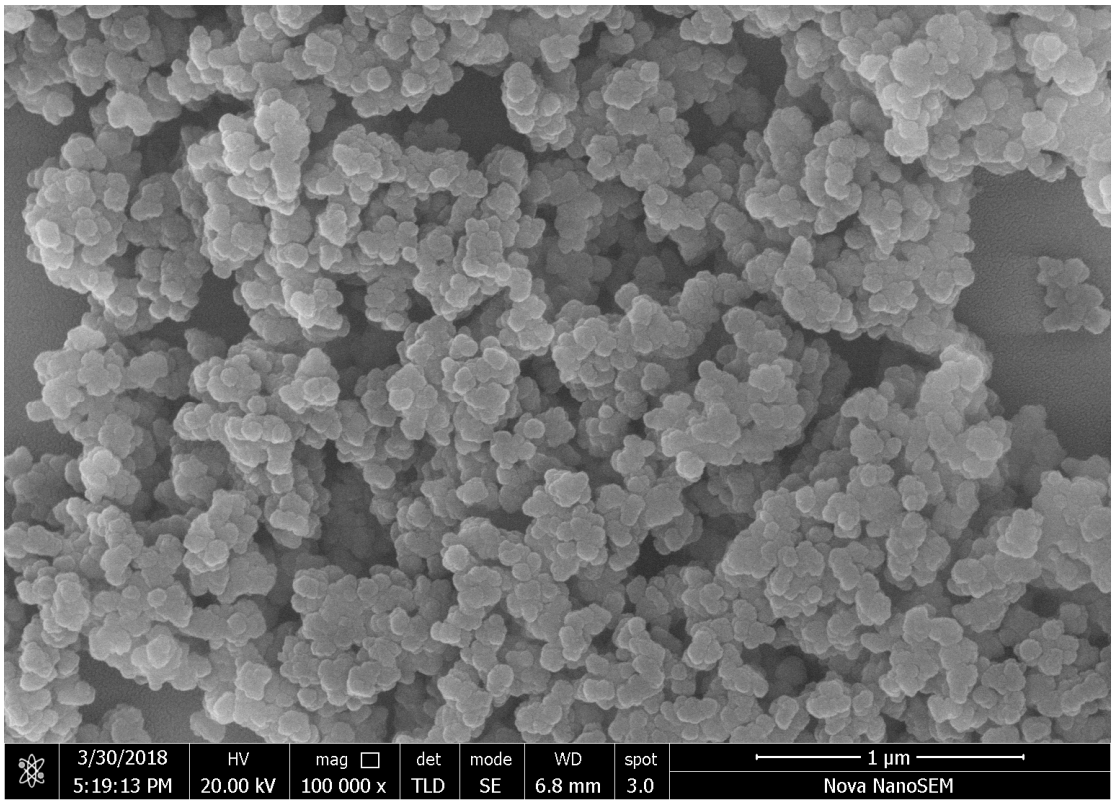

Figure S11. The SEM image for Pd/UiO-66-v.

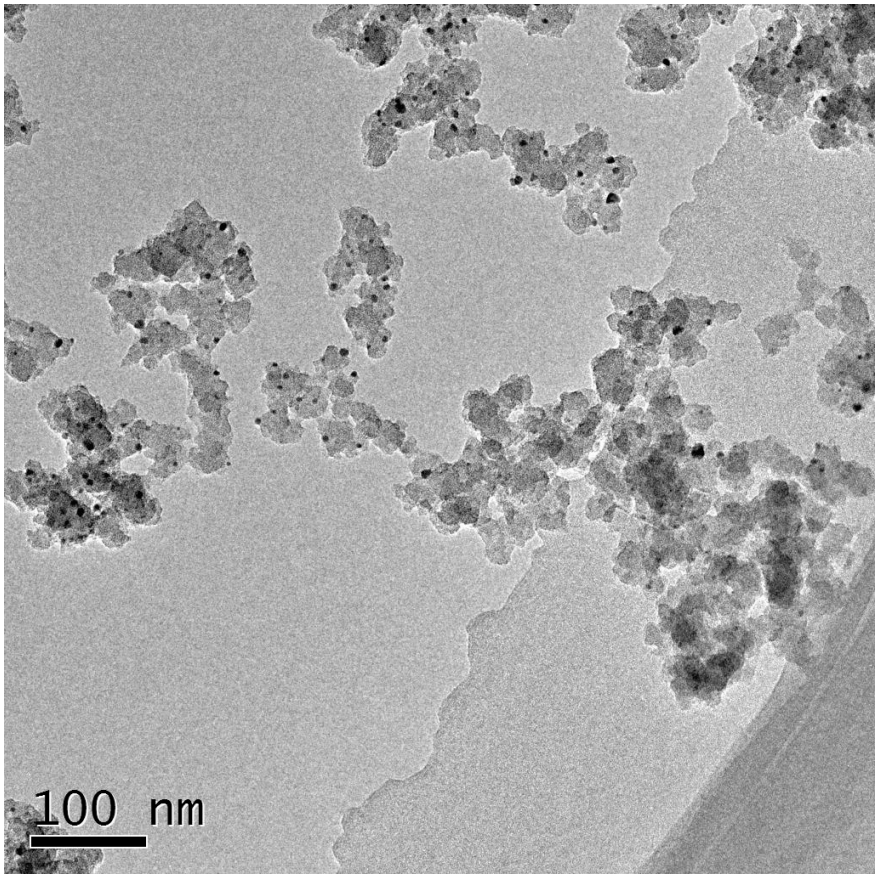

Figure S12. The TEM image for Pd/UiO-66-v.

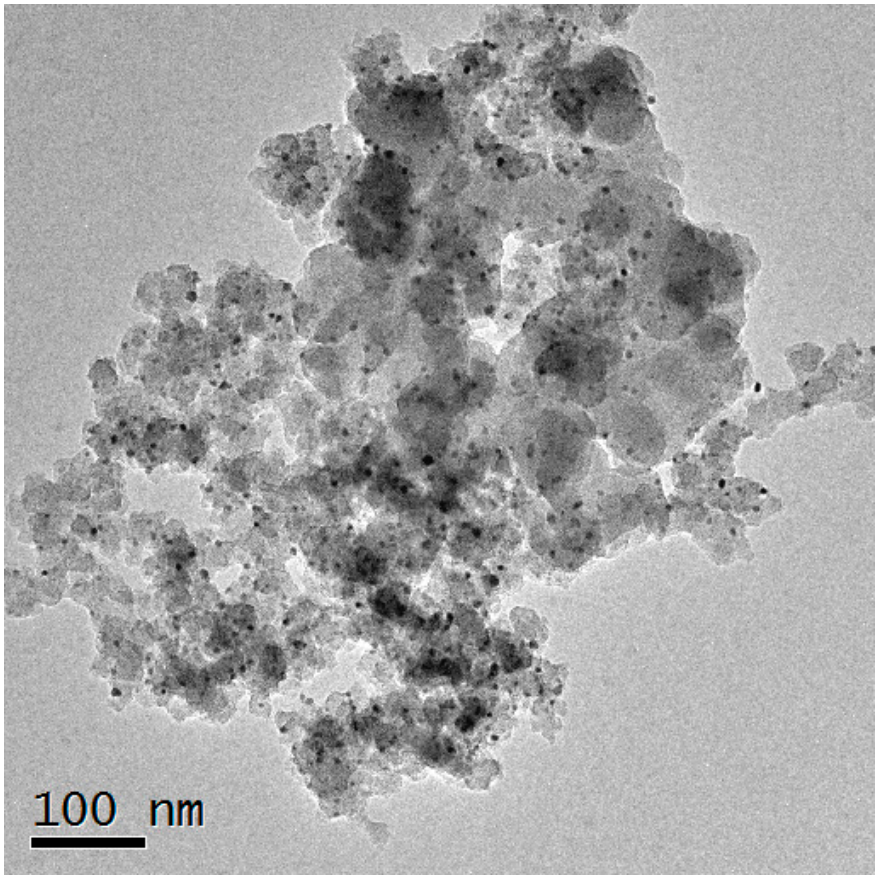

Figure S13. The TEM image for used Pd/UiO-66-v.

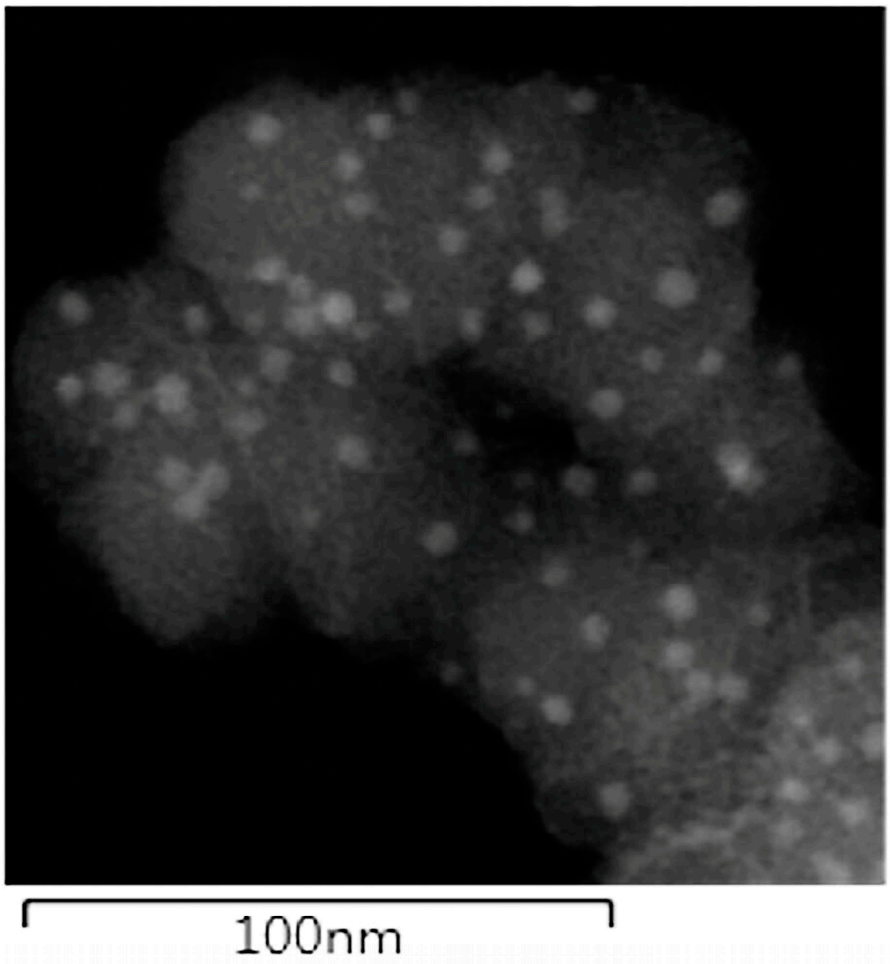

Figure S14. The electron image for Pd/UiO-66-v.

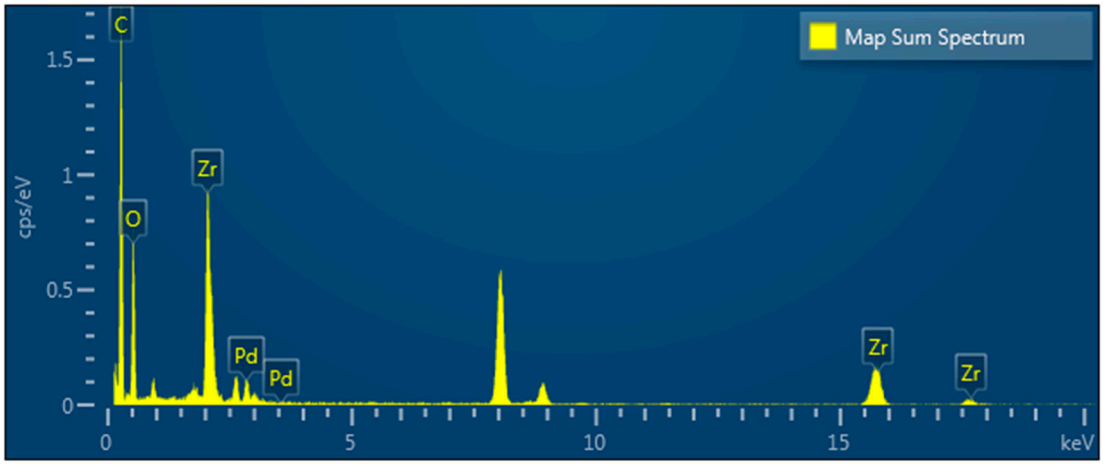

Figure S15. The map sum spectrum for Pd/UiO-66-v.

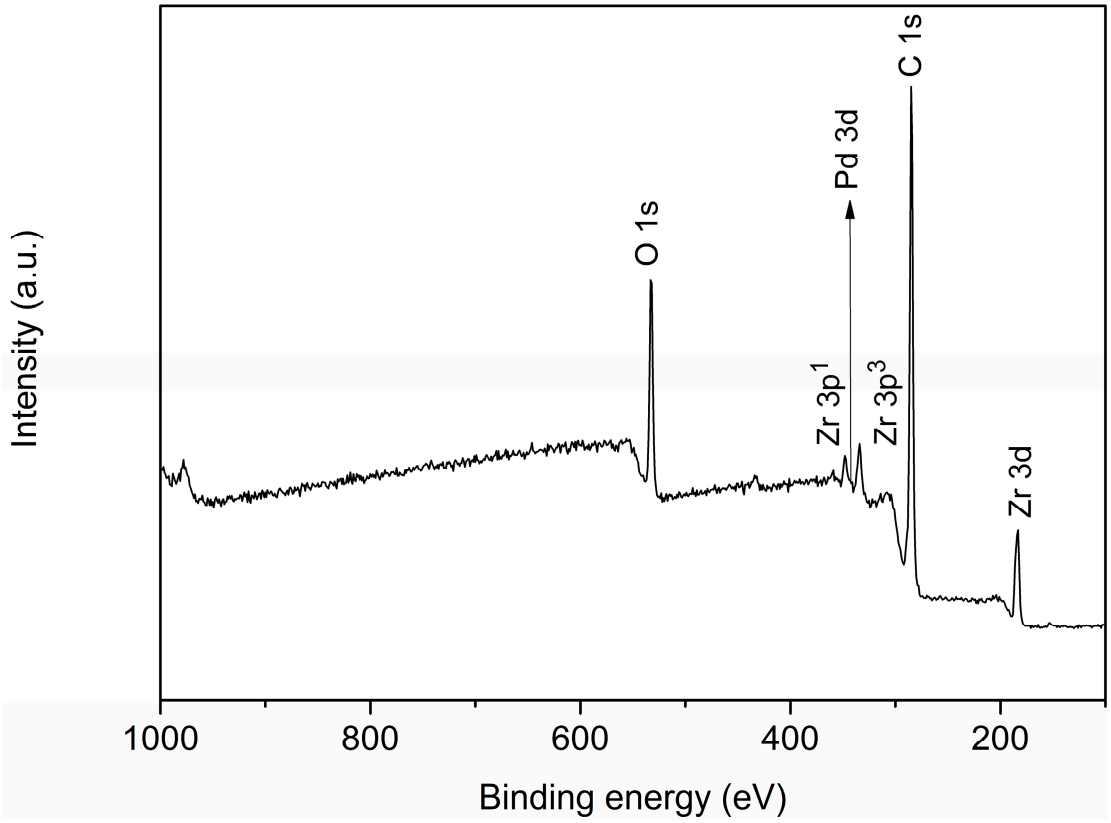

Figure S16. The survey XPS spectra of Pd/UiO-66-v.

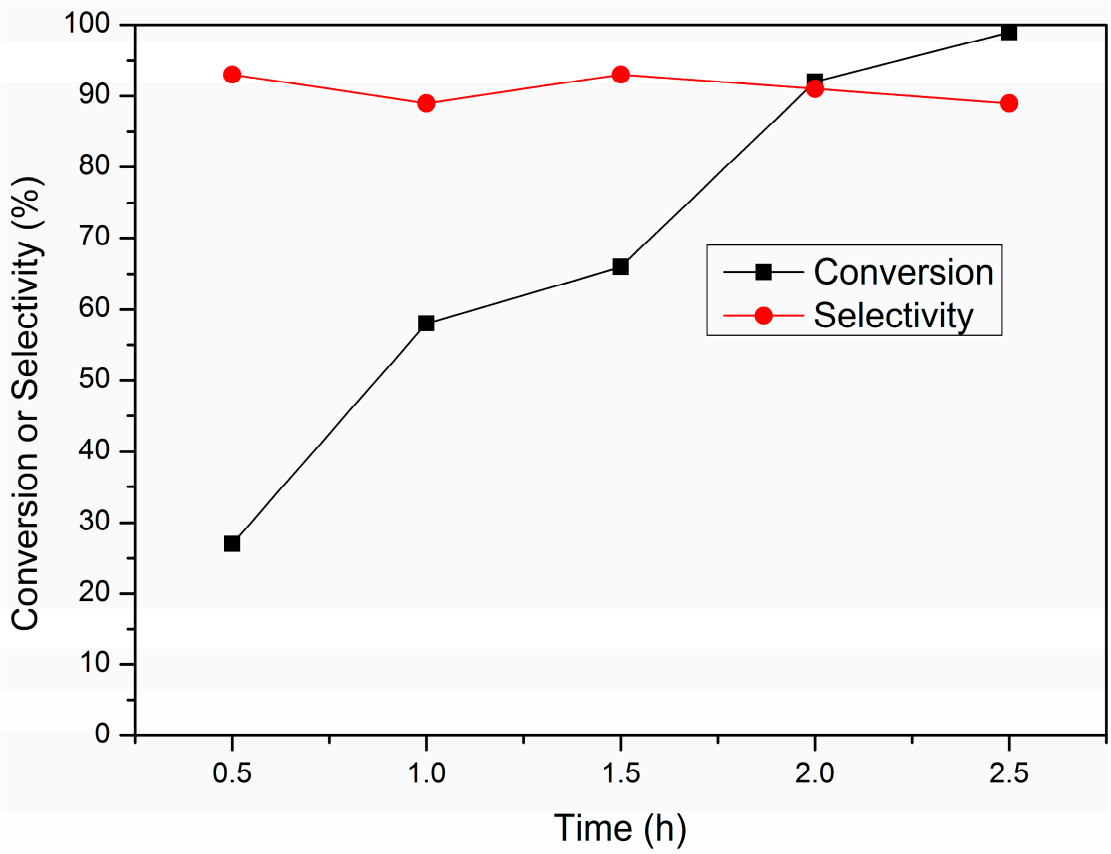

Figure S17. Influence of reaction time on the hydrogenation of furfuryl alcohol.