Supporting Information

Metal-organic coordination polymers with a new 3,5-(4-carboxybenzyloxy) benzoic acid linker

Ranjan Patra, Hatem M. Titi and Israel Goldberg*

School of Chemistry, Sackler Faculty of Exact Sciences, Tel-Aviv University, Ramat-Aviv, 69978 Tel-Aviv, Israel. E-mail: ranjanpatra06@gmail.com, goldberg@post.tau.ac.il

Figure S1: TGA analysis of compound 1-4
Figure S2: IR Spectra of Compound 1

Figure S3: IR Spectra of Compound 2
**Figure S4**: IR Spectra of Compound 3

**Figure S5**: IR Spectra of Compound 4
Figure S6: Powder XRD spectra for Compound 2; (top) measured data and (bottom) calculated from single-crystal structure.
**Figure S7:** Powder XRD spectra for Compound 3; (top) measured data and (bottom) calculated from single-crystal structure.
Figure S8: $1/X_M$ Vs T for compound 2.

Figure S9: $1/X_M$ Vs T for compound 3.