Supporting Information

Buffering Additive Effect in the Formation of Metal-Carboxylate Frameworks with Slightly Different Linear $\text{M}_3(\text{RCOO})_6$ Clusters

Xiao-Feng Wang, a,b Yue-Biao Zhang, a Wei Xue, a Wei-Xiong Zhang, a Hao-Long Zhou, a and Xiao-Ming Chen**

a MOE Key Laboratory of Bioinorganic & Synthetic Chemistry, State Key Laboratory of Optoelectronic Materials, School of Chemistry and Chemical Engineering, Sun Yat-Sen University, Guangzhou 510275, P. R. China.
E-mail: cxm@mail.sysu.edu.cn
b School of Chemistry and Chemical Engineering, University of South China, Hengyang 421001, P. R. China.
**Fig. S1.** The edge-to-face π···π stacking interaction between the naphthalene rings in the SBU in 2 (upper) and 5 (bottom).

**Fig. S2.** PXRD patterns for 3.
**Fig. S3.** PXRD patterns for 4.

**Fig. S4.** PXRD patterns for 5.
Fig. S5. TGA curve for 5.