## **Supporting Information**

## Tuning Pore Diameter of Platelet SBA-15 Materials with Short Mesochannels for

**Enzyme Adsorption** 

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**Fig. S1.** SEM photographs of short-channel SBA-15-p materials prepared with TEOS pre-hydrolysis for 25 min and varying the TMB/P123 weight ratios of (a) 0, (b) 0.05, (c) 0.1, (d) 0.25, (e) 2, and (f) 2.5.

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**Fig. S2.** TEM photographs of short-channel SBA-15-p materials prepared with TEOS pre-hydrolysis for 25 min and varying the TMB/P123 weight ratios of (a,b) 0, (c,d) 0.05, (e,f) 0.1, (g,h) 0.25, (i,j) 2.5.



**Fig. S3.** (a) TG and (b) DTG profiles of SBA-15-p materials prepared with a TEOS pre-hydrolysis period of 25 min and various TMB/P123 weight ratios.



Fig. S4. (a)  $N_2$  adsorption-desorption isotherms and (b) BdB-FHH adsorption PSD curves of SBA-15-p materials prepared with different hydrothermal temperatures, where no TMB is used in the synthesis.