Electronic Supplementary Material (ESI) for Journal of Materials Chemistry A.

Bulk crystal seeding on the generation of mesopores by organosilane surfactants in zeolite synthesis

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Fig. S1 SEM and TEM images of *s*-MOR.

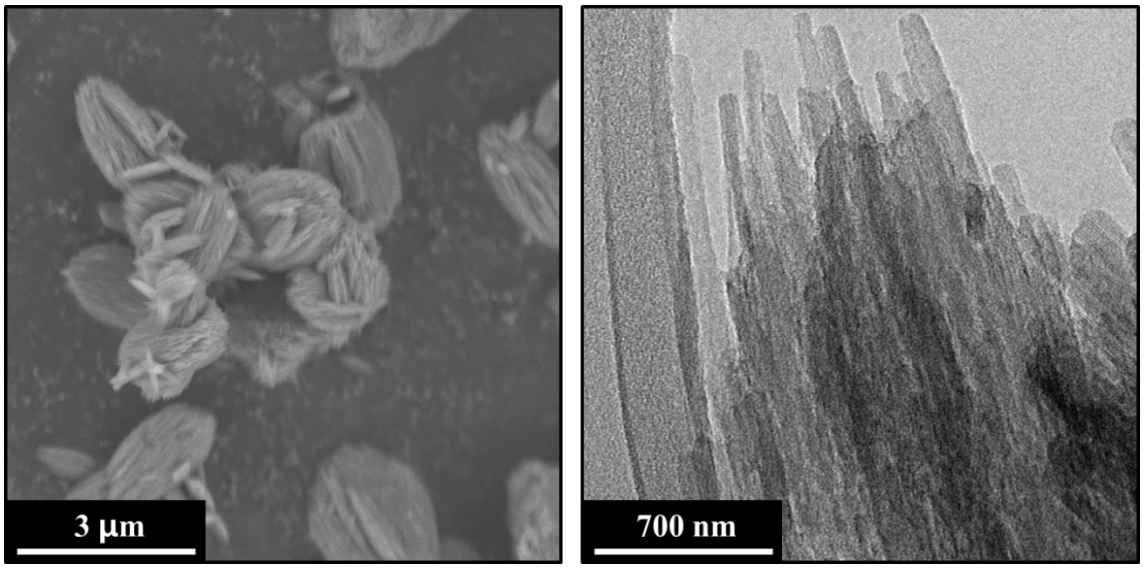

Fig. S2 (a and b) High resolution TEM images and (inset of a and b) their corresponding fast Fourier transform (FFT) images of *s*-MOR which indicated the *c*-axis of MOR structure was parallel to the longest edge of MOR-nanorods.

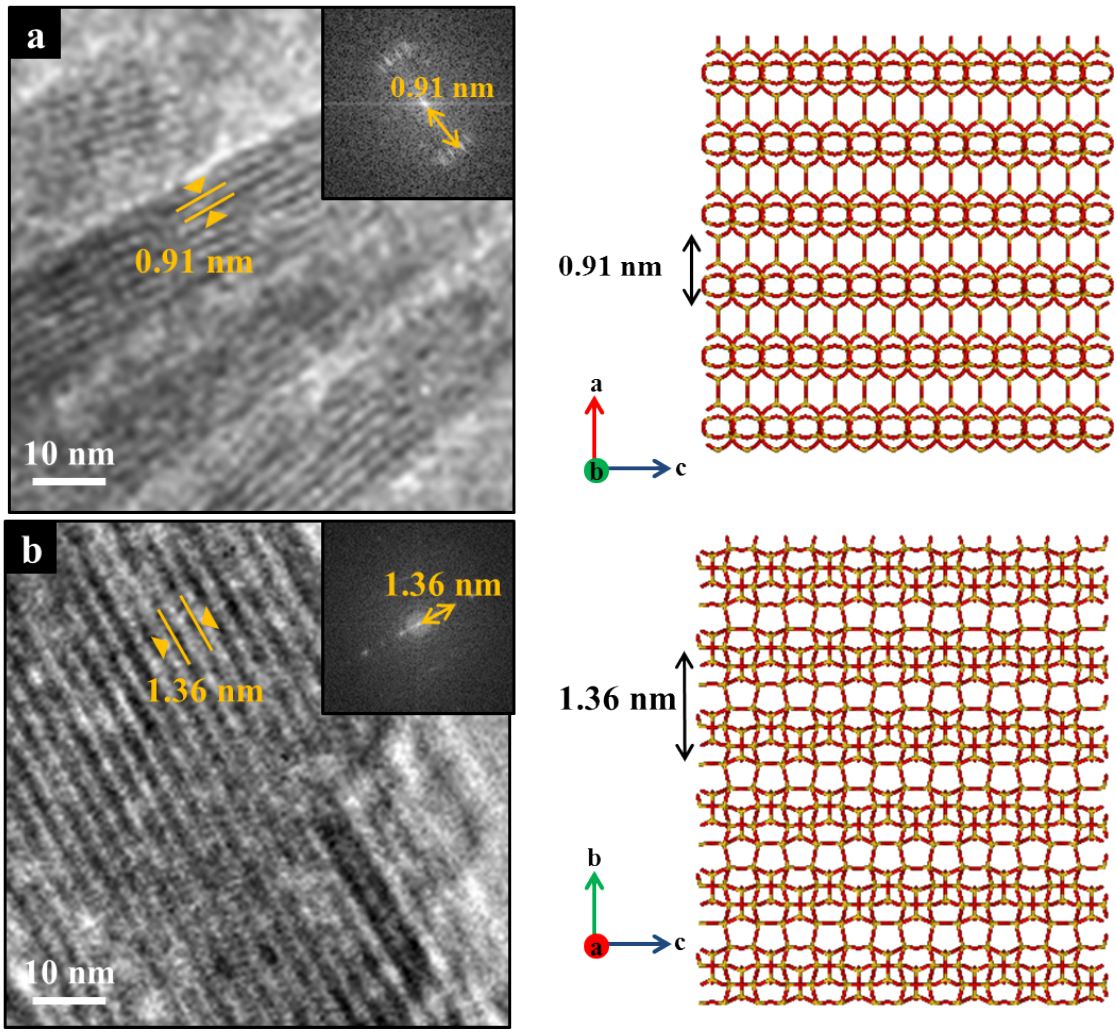

Fig. S3 (a) N_2 isotherms and (b) their corresponding BJH pore size distributions of *s*-MOR zeolites, which were synthesized with OS-18, OS-16, and OS-12 as mesopore generating agents. The isotherms for OS-16 and OS-18 were vertically offset by 100 and 200 $cm^3\ g^{-1}$ respectively. The pore size distributions for OS-16 and OS-18 were vertically offset by 0.7 and 1.4 $cm^3\ g^{-1}$, respectively.

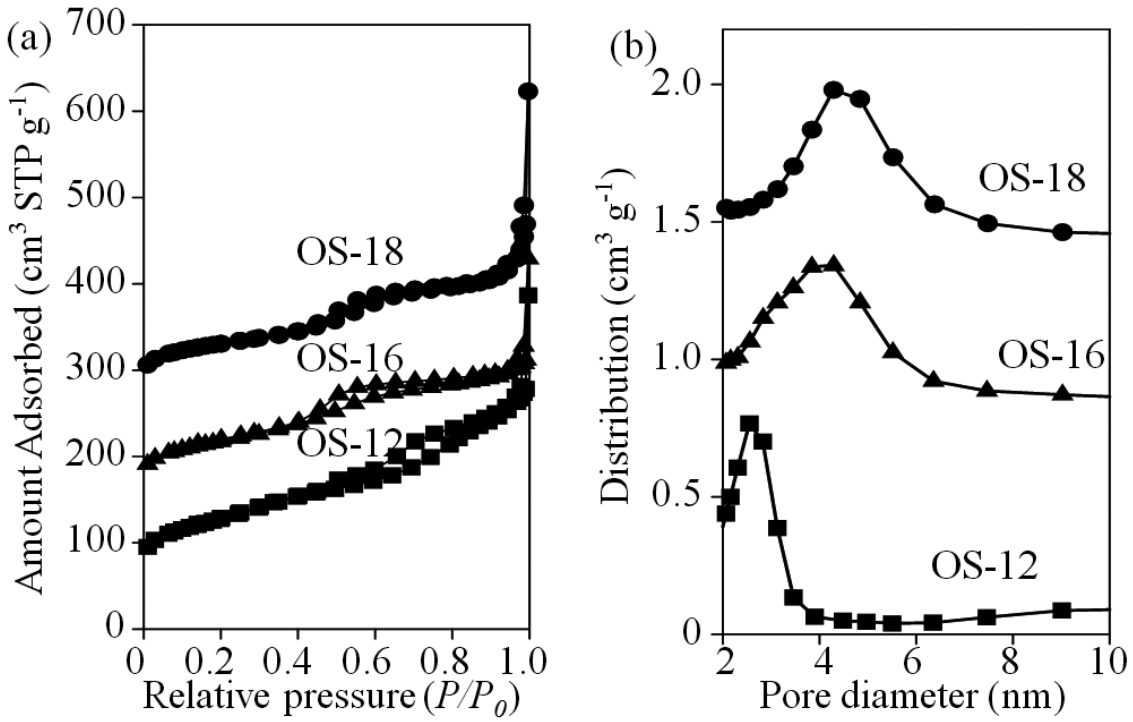

Fig. S4 XRD patterns of bulk CHA, *us*-CHA, and *s*-CHA.

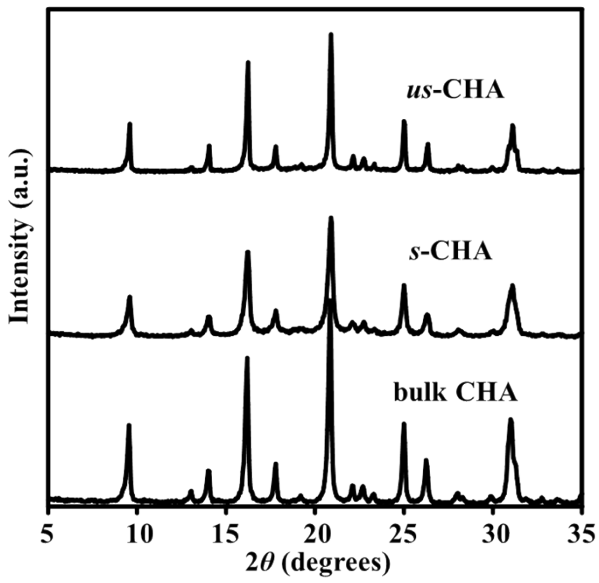

Fig. S5 Representative SEM and TEM images of *us*-CHA.

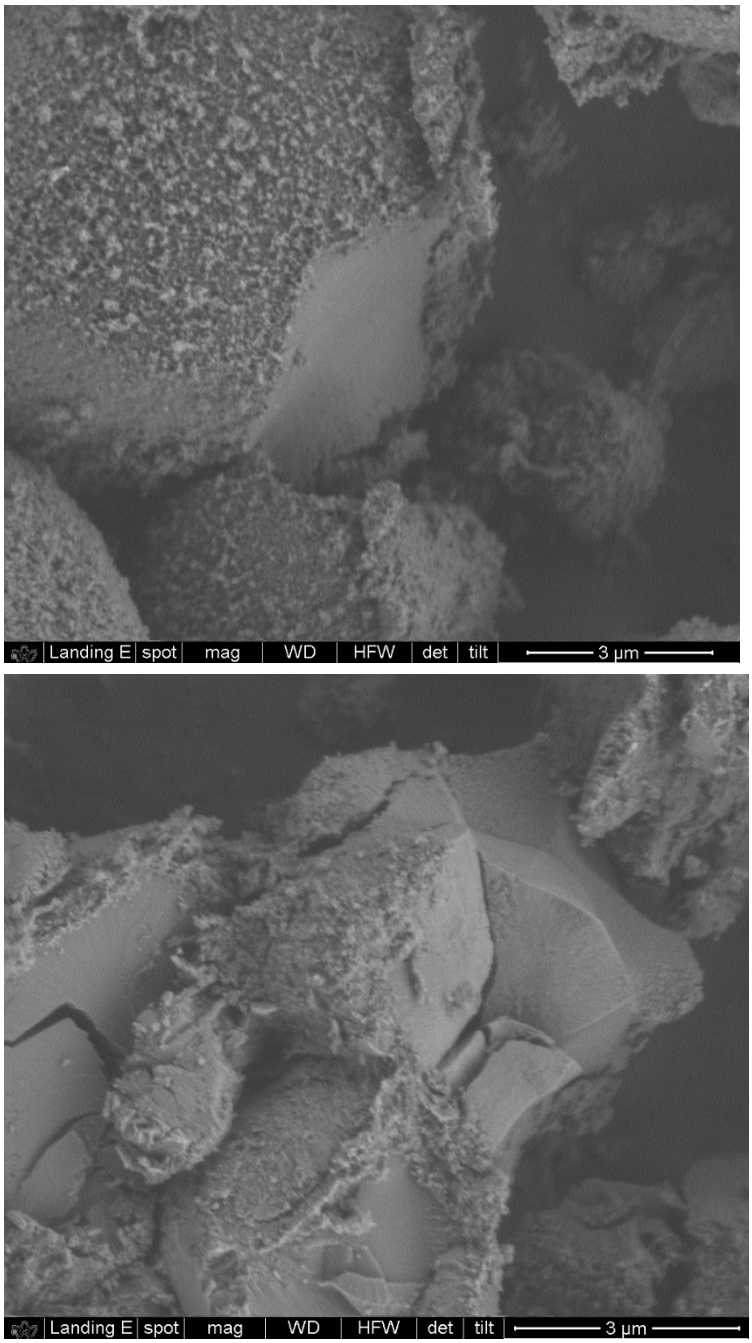

Fig. S6 Representative SEM and TEM images of *s*-CHA.

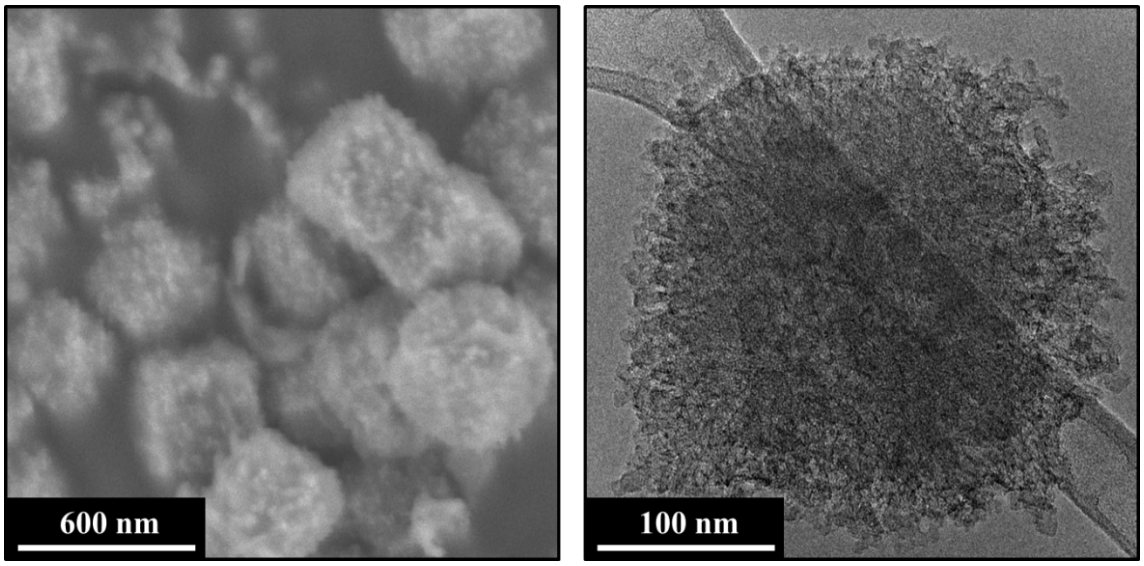

Fig. S7 Representative SEM and TEM images of *s*-FAU-X