

Electronic Supplementary Information

An efficient synthesis of NaA zeolite membranes from direct crystallization of gel-dipped macroporous alumina tubes with seeds

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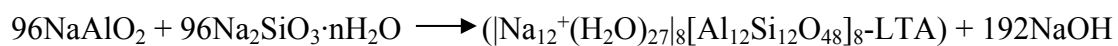
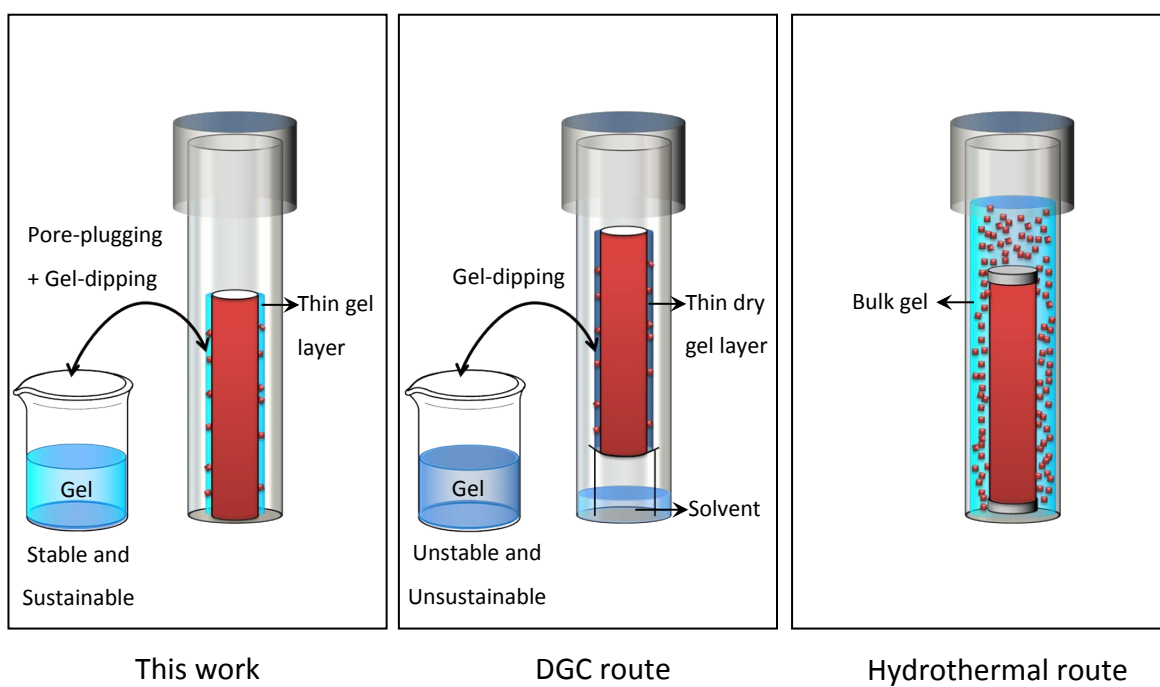


Fig. S1 Preparation of NaA membranes from this work, DGC route, and hydrothermal route.

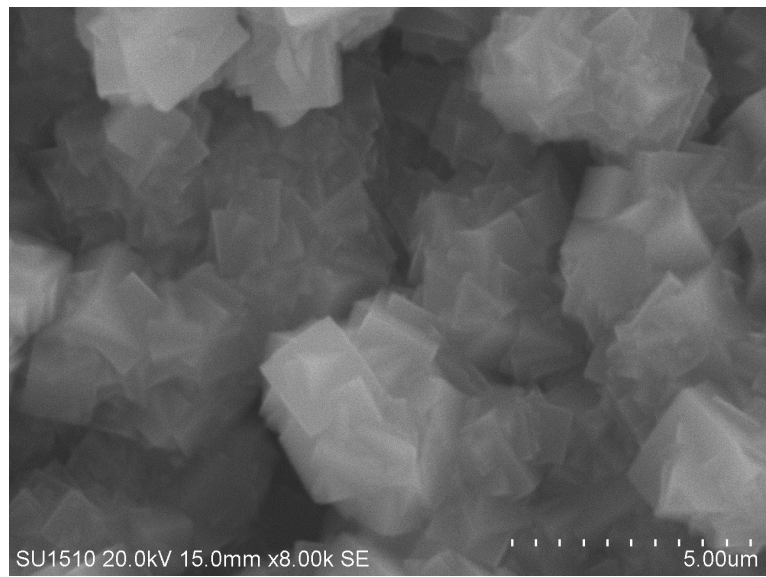
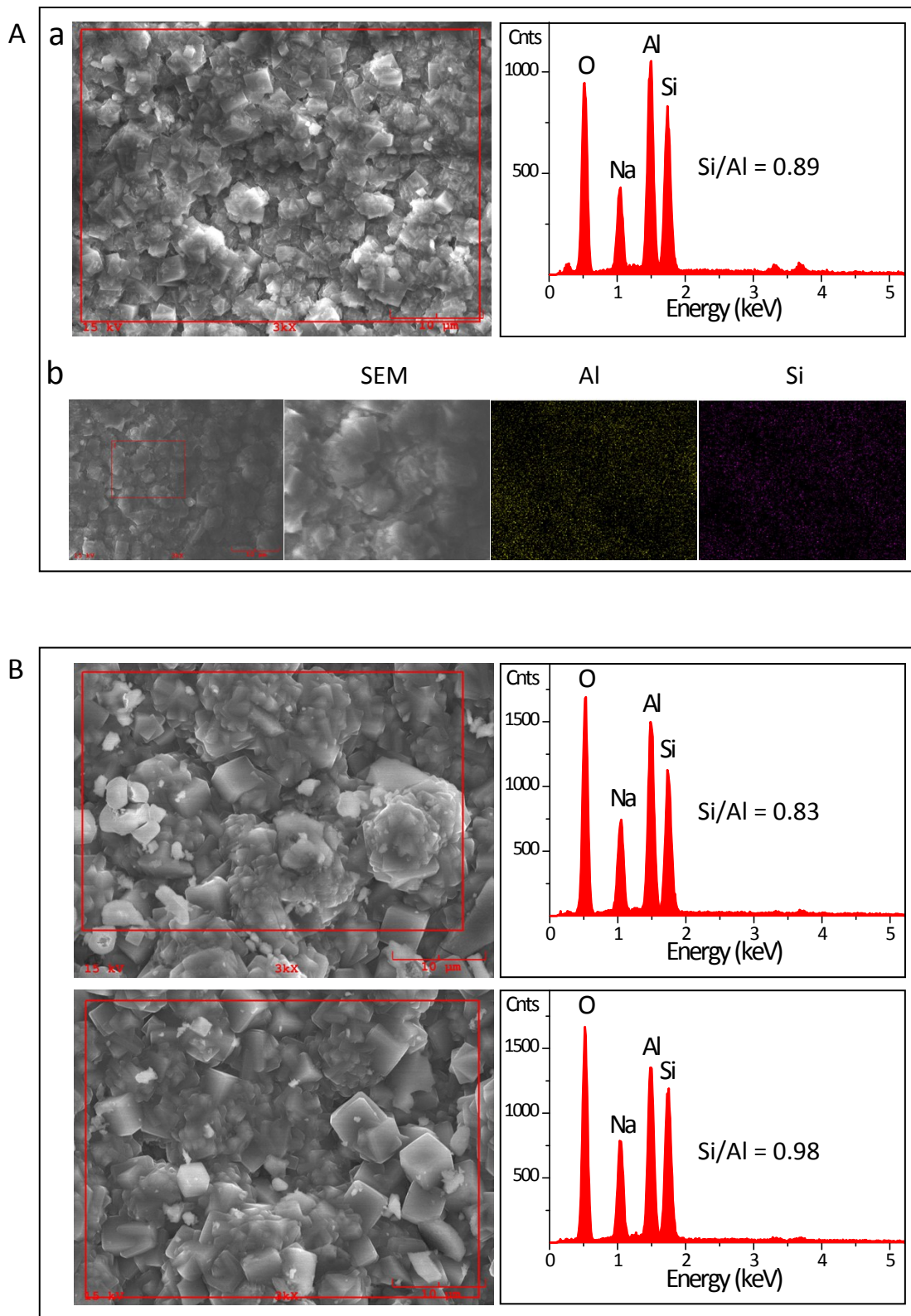


Fig. S2 SEM image of top view of the NaA membrane crystallized at 100°C for 4 h this work with higher magnification than Fig.1-b.



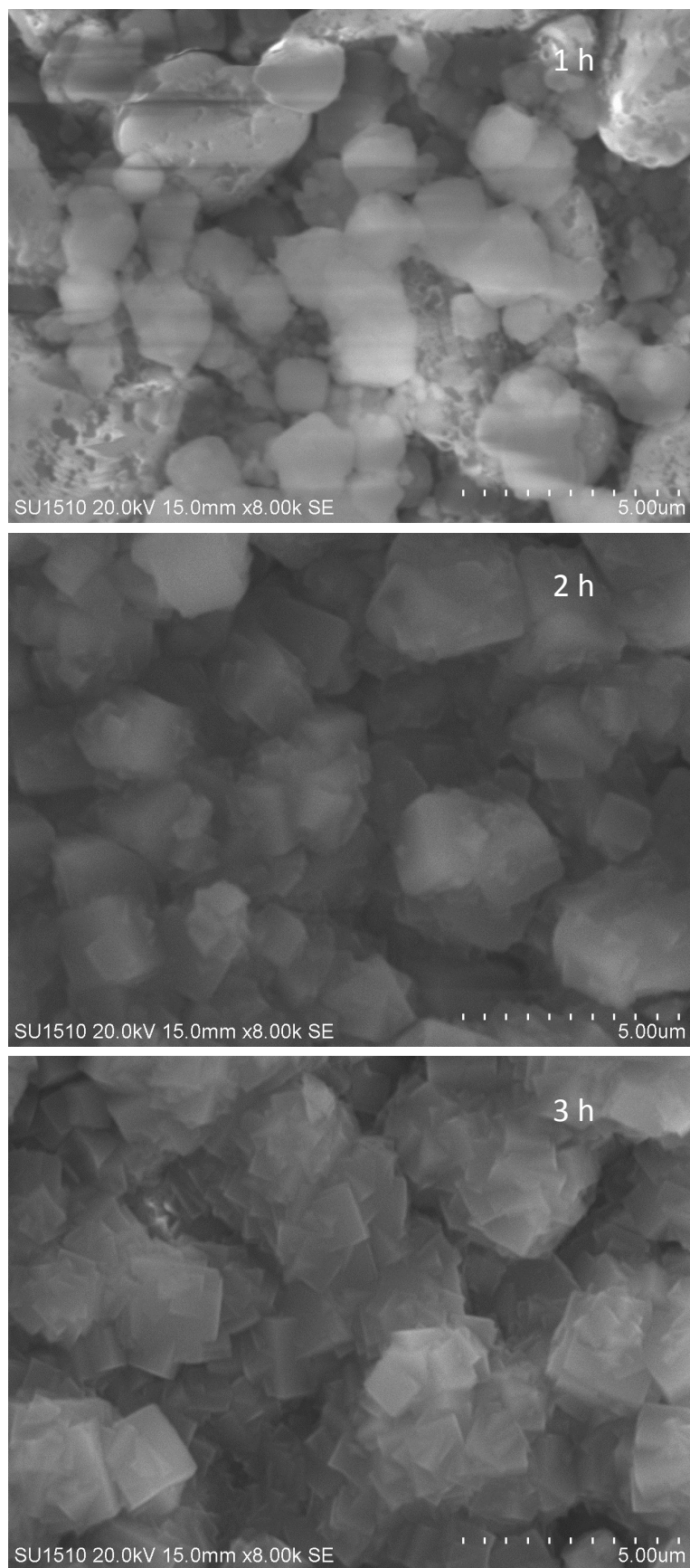


Fig. S4 SEM images of top view of the NaA membranes crystallized at 100°C for 1 h, 2 h and 3 h from this work with higher magnification than Fig.5-B.