Highly efficient synthesis of LTA-type aluminophosphate molecular sieve
by improved ionothermal method

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Fig. S1 SEM images of the as-synthesized sample Morp-0

Fig. S2 SEM image of the as-synthesized sample ILs-2
Fig. S3 SEM image of the as-synthesized sample ILs-0

Fig. S4 SEM image of the as-synthesized sample ILs-1
Fig. S5 XRD patterns of three calcined samples (T170-4h_{cal}, T170-24h_{cal} and Morp-1_{cal}) together with the corresponding as-synthesized samples as references.