## Ultrafast and continuous-flow synthesis of AFX zeolite *via* interzeolite conversion of FAU zeolite

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Fig. S1: Framework of the AFX structure.



Fig. S2: Image of the tubular reactor.



Fig. S3: SEM images of the crystalline products synthesized with the (a) as-made and (b) milled seeds.



Fig. S4: SEM images of the (a) as-made and (b) milled seeds. (c) Powder XRD patterns of the as-made and milled seeds.



Fig. S5: Powder XRD patterns of the samples synthesized with bead-milled FAU zeolite for different synthesis periods.



Fig. S6: Total structure factors, S(Q), of the samples synthesized with acid-leached seeds for different synthesis periods.



Fig. S7: Reduced pair distribution functions, G(r), of the samples synthesized with the acid-leached seeds for different synthesis periods.



Fig. S8: <sup>29</sup>Si MAS NMR spectra of the non-protonated as-made and acid-leached seeds.



Fig. S9: SEM image of the final product with low magnification.



Fig. S10: Powder XRD patterns of the samples synthesized with short and low-temperature aging for different synthesis periods.