

Supporting Information

Mathematical model and dynamic computer simulation on free flow zone electrophoresis

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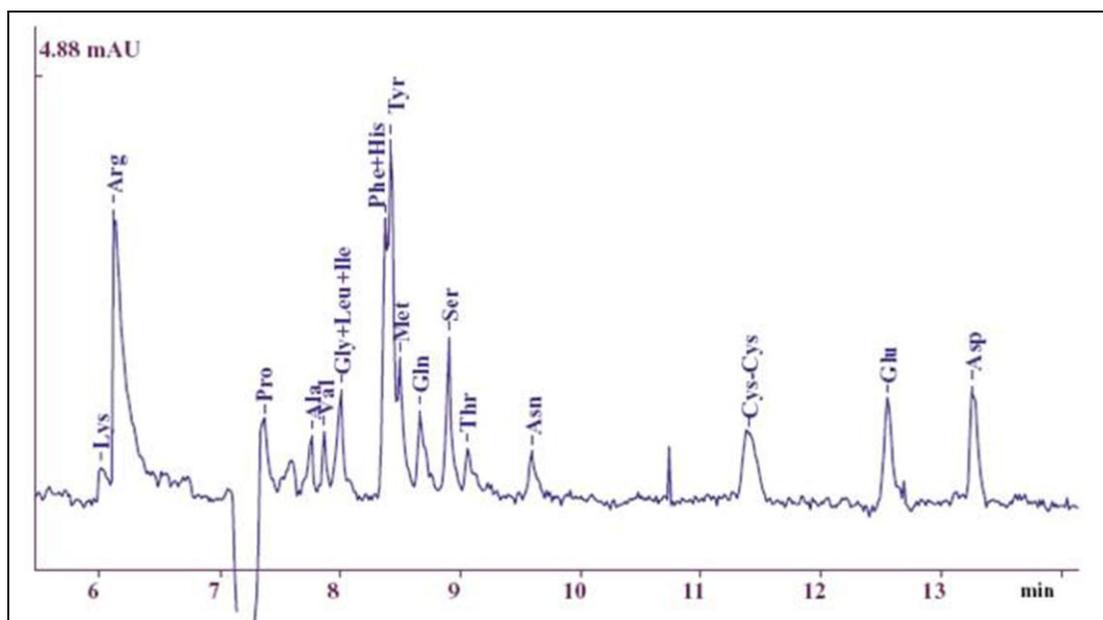
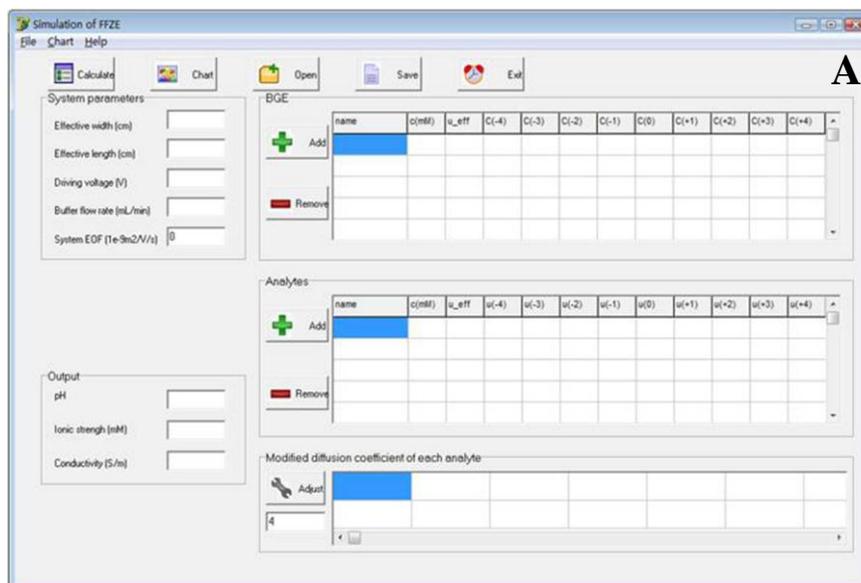


Fig. S1. Experimental electropherogram cited from reference. BGE: borate, $c = 10$ mM, $\text{pH} = 9.18$. Capillary length: 75 cm Effective capillary length: 65 cm. Voltage: 20 kV. Hydrodynamic injection: 15 s at 3000 pa. Temperature: 20°C . UV detection at 190 nm. The figure was cited from Ref. [33] for the review.

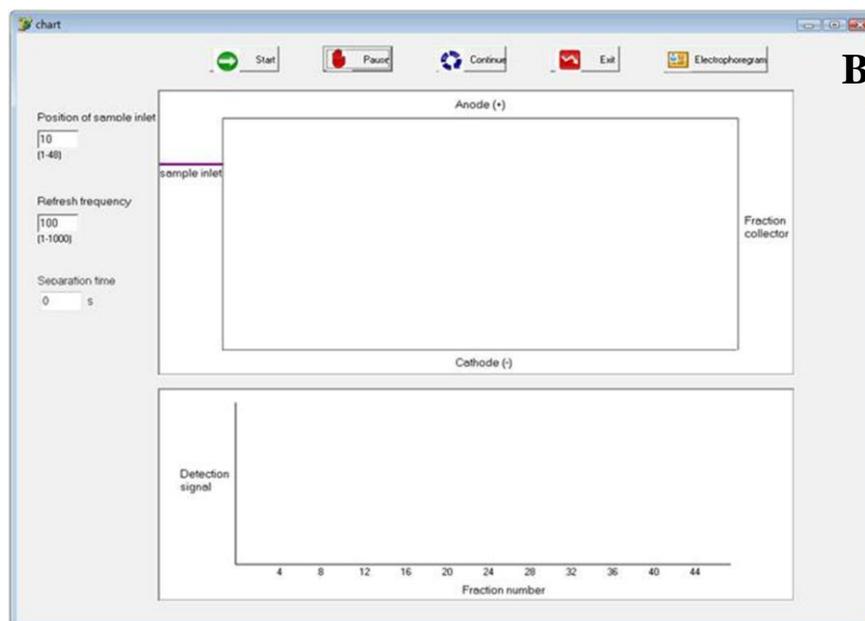
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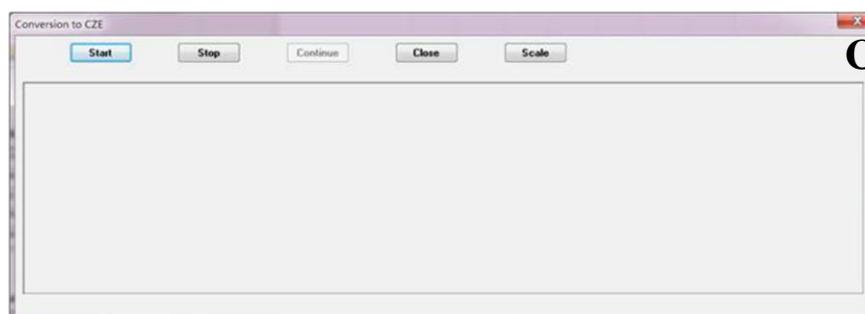
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24 **Fig. S2.** Main window of simulation software for parameter input and output (A), simulating window
25 for the dynamic separation process (the upper column) and electropherogram (the bottom column) of
26 FFZE, and (B), and conversion window from FFZE to CZE (C).