Supporting Information


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**Figure S5.** Stability of the optimized HFC membrane: (a) long-term MD performance in terms of water flux and salt rejections (Operation conditions: feed solution, 3.5 wt% NaCl, 65℃; Permeate, DI water, 25℃; Velocity: 0.4 L/min), (b)WCAs of the PH and PET individual layers after various treatments under harsh conditions.

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Table S1

Table S1. The effect of heat-press treatment temperature on the porosity and LEP of individual PH and PET layers

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<th>100 °C</th>
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