Supporting Information for

Stable electrochemical transistor performance with a low-swelling mixed conducting polymer

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Figure S1. Normalized drain current ($I_{DS}$) and transconductance ($g_{m}$) traces measured for OECTs with P3HHT or PEDOT:PSS as the active channel material during 40 days of continuous immersion in 0.1 M aqueous solutions of a) KCl, b) NaCl, and c) KPF$_6$ electrolytes. Traces correspond to initial measurements ($t_0$, bold solid lines) and measurements done after 10, 20, 30 (solid grey lines), and 40 days ($t_{40}$, dashed lines) of continuous device immersion. Data are normalized to the maximum value of initial measurements. Devices are operated at a drain voltage ($|V_{DS}|$) of 0.6 V.
Figure S2. Drain current ($I_D$) and transconductance ($g_m$) measured for OECTs with P3HHT or PEDOT:PSS as the active channel material during 40 days of continuous immersion in 0.1 M aqueous solutions of a) KCl, b) NaCl, and c) KPF$_6$ electrolytes. Traces correspond to initial measurements ($t_0$, bold solid lines) and measurements done after 10, 20, 30 (solid grey lines), and 40 days ($t_{40}$, dashed lines) of continuous device immersion. Bold arrows show direction of gate potential ($V_{GS}$) sweep. Devices are operated at a drain voltage ($|V_{DS}|$) of 0.6 V.