This folder contains excel files named, Graph data in Omega article, MdataBob, Measurement data summary, PET pore influence which are explained below.

Graph data in Omega article 🡪 All the data plotted in origin which will reproduce the figures in the paper. Arranged according to the figure numbers used in the paper.

MdataBob🡪 It contains membrane potential data at pH 3, pH4, pH7. The 1st two columns generally are the concentrations of low and high concentration side reservoirs. ex1, ex2, ex3 are the sets of membrane potential experiments. Membrane potential in these 3 columns is in Volts. Column name Avg is the average value of the 3 potentials.

Measurement data summary🡪 shows membrane potential for different pH values.

PET pore influence 🡪 This shows the effect of membrane potential with and without PET support.

Raw data streaming potential🡪 Zeta results summary🡪 streaming potential with pH sweep.

pKa simulation results🡪 FinalFitData🡪 Steaming potential data fitted with pKa model.

This folder also contains all the Matlab files, Origin files, Figures and Raw files used in the paper.