

# Supplementary Information: Biodegradable poly(amino ester) with aromatic backbone as efficient nonviral gene delivery vectors

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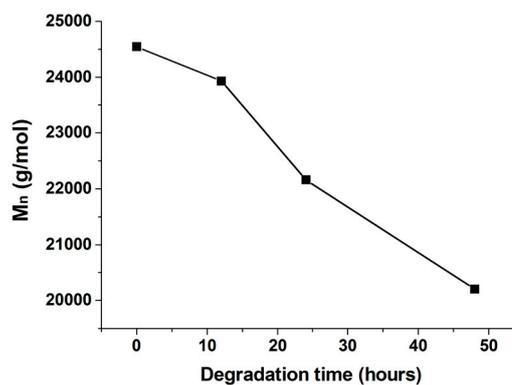


Figure S1. Change of molecular weight of P2 ( $M_n = 24,550$  Da) with degradation time in PBS (pH = 7.4).

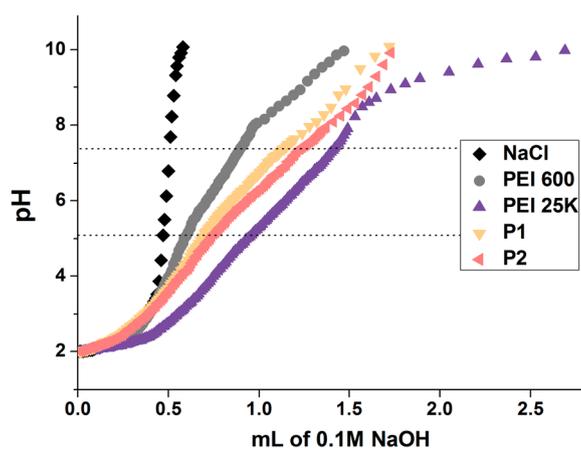
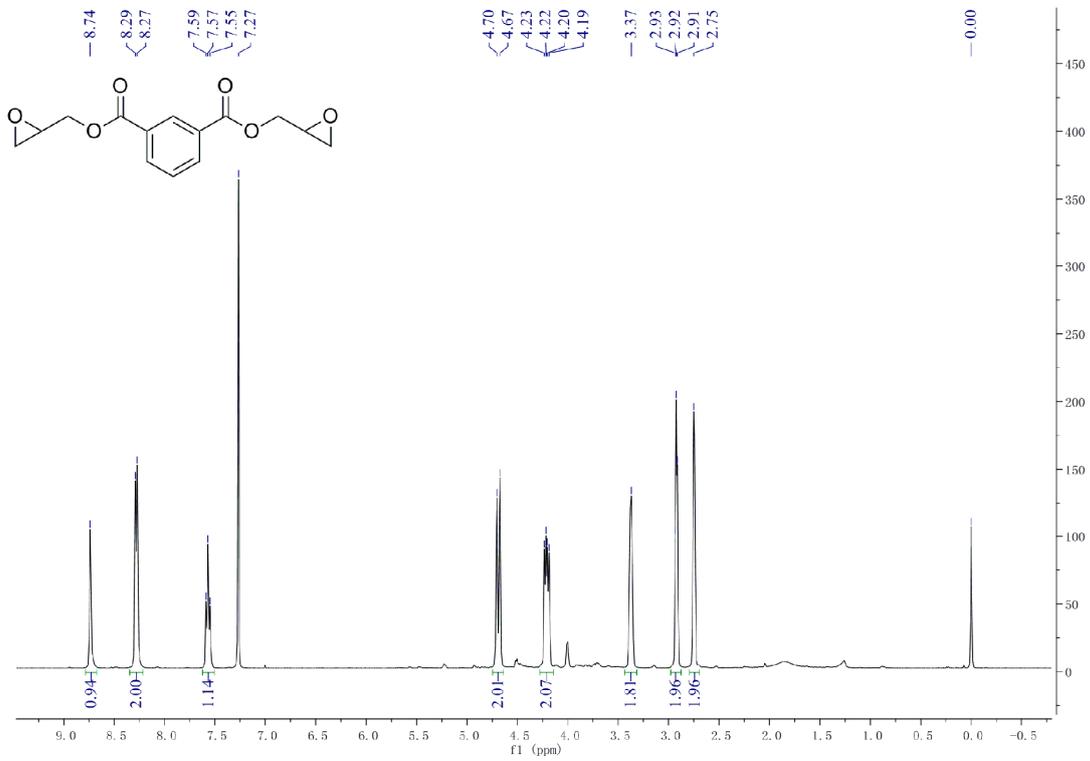
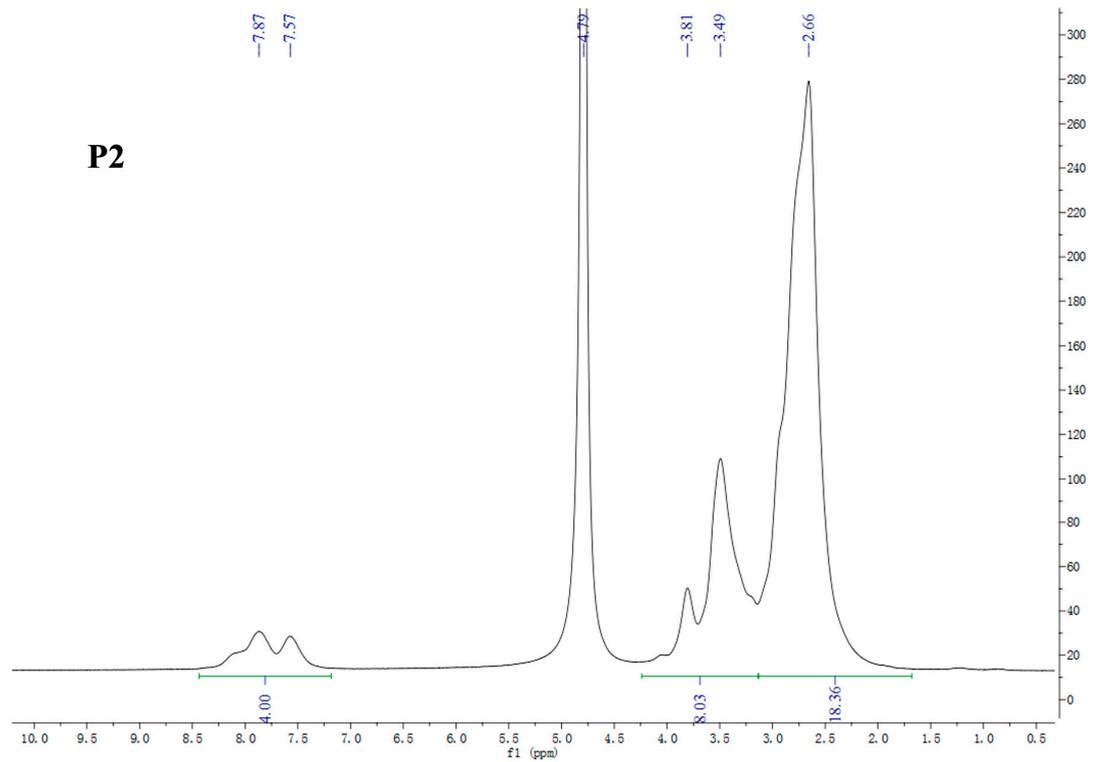
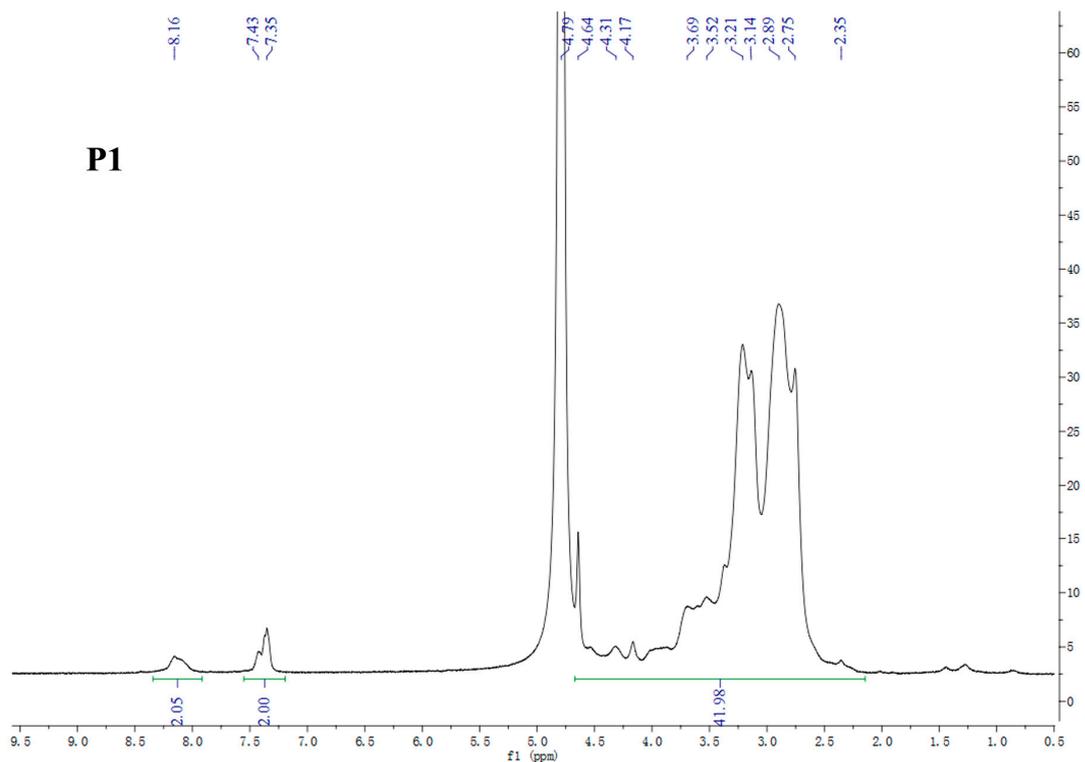


Figure S2. Acid-base titration profiles of P1, P2 and PEI.

# Spectra

## a. <sup>1</sup>H-NMR Spectra





b. <sup>13</sup>C-NMR Spectra

