

SUPPLEMENTARY INFORMATION

Lipophilic and cationic triphenylphosphonium grafted linear polyethylenimine polymers for efficient gene delivery to mammalian cells

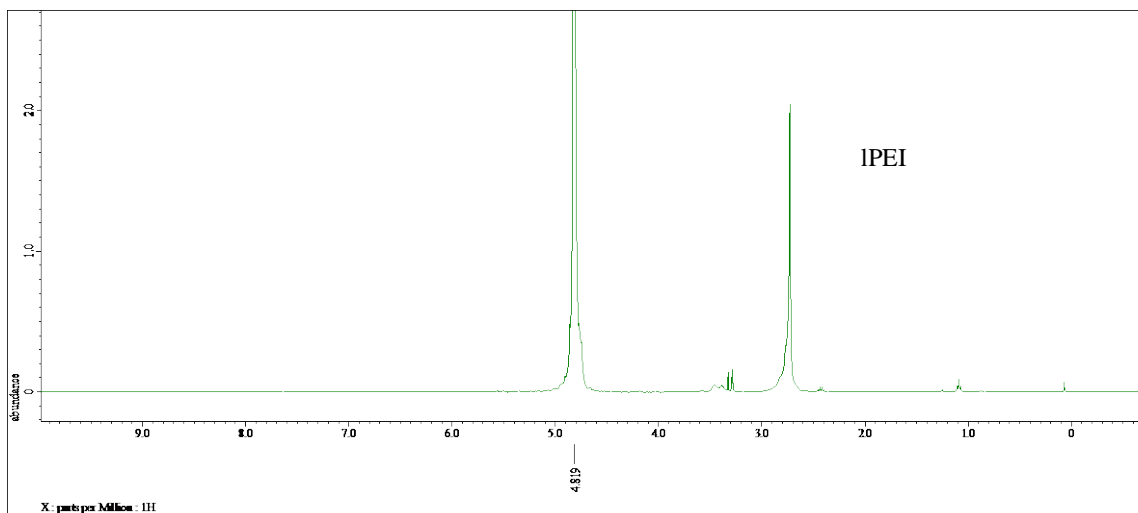
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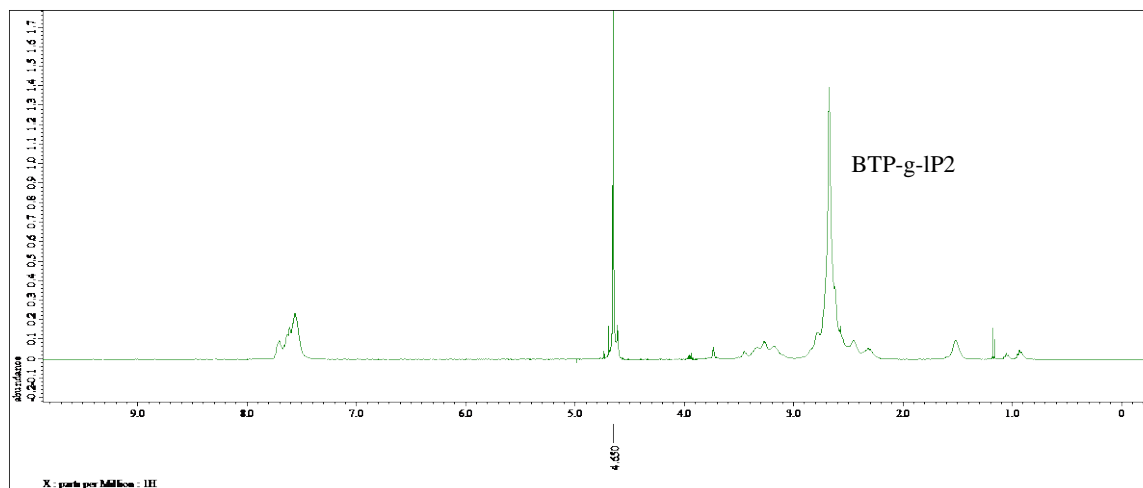
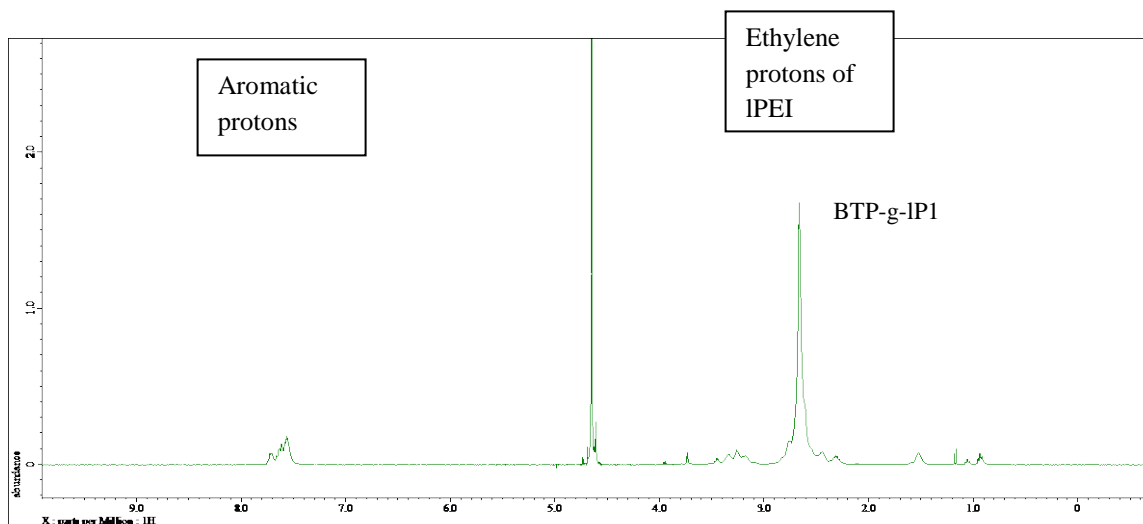
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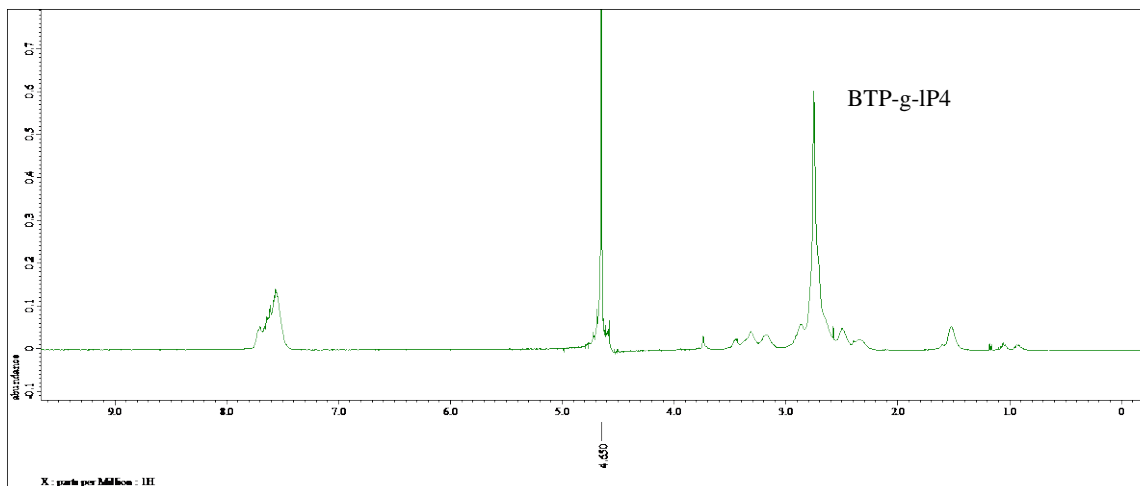
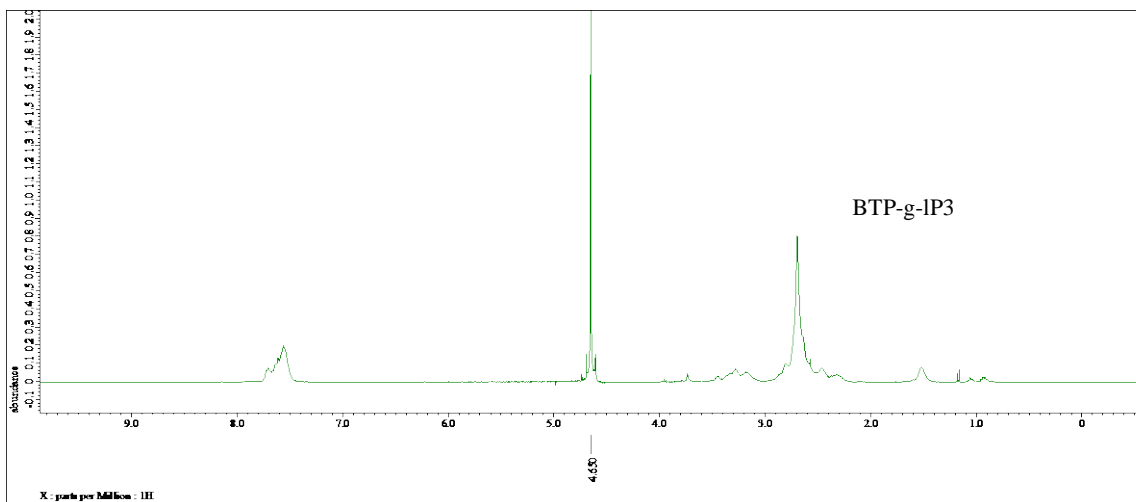
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NMR spectra of linear polyethylenimine (in CD₃OD) and BTP-g-IP polymers (in D₂O)

Peak around d 4.65 / 4.81 is due to water contamination.







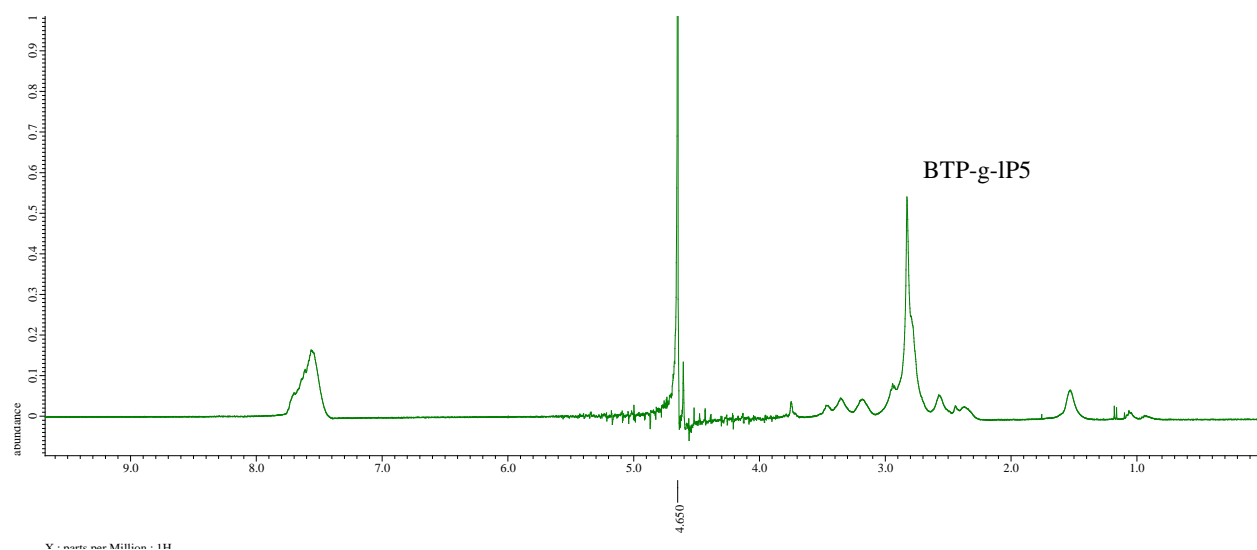


Table S1: Determination of pKa values using titration method.

Sample	<i>pKa</i> 1	<i>pKa</i> 2
BTP-g-IP1	9.5	7.3
BTP-g-IP3	9.92	8.7
BTP-g-IP5	9.96	8.8
IPEI	9.98	8.9

(Ref.: http://www.uky.edu/~holler/che226/titrations/titration_curve.html)