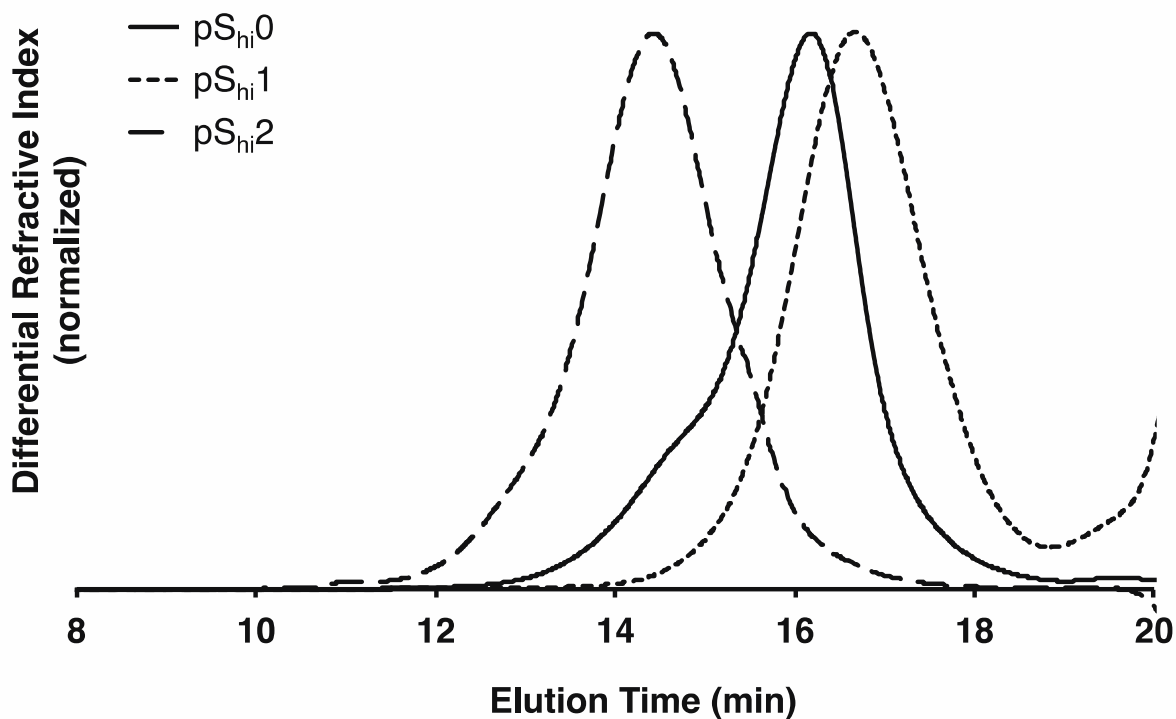
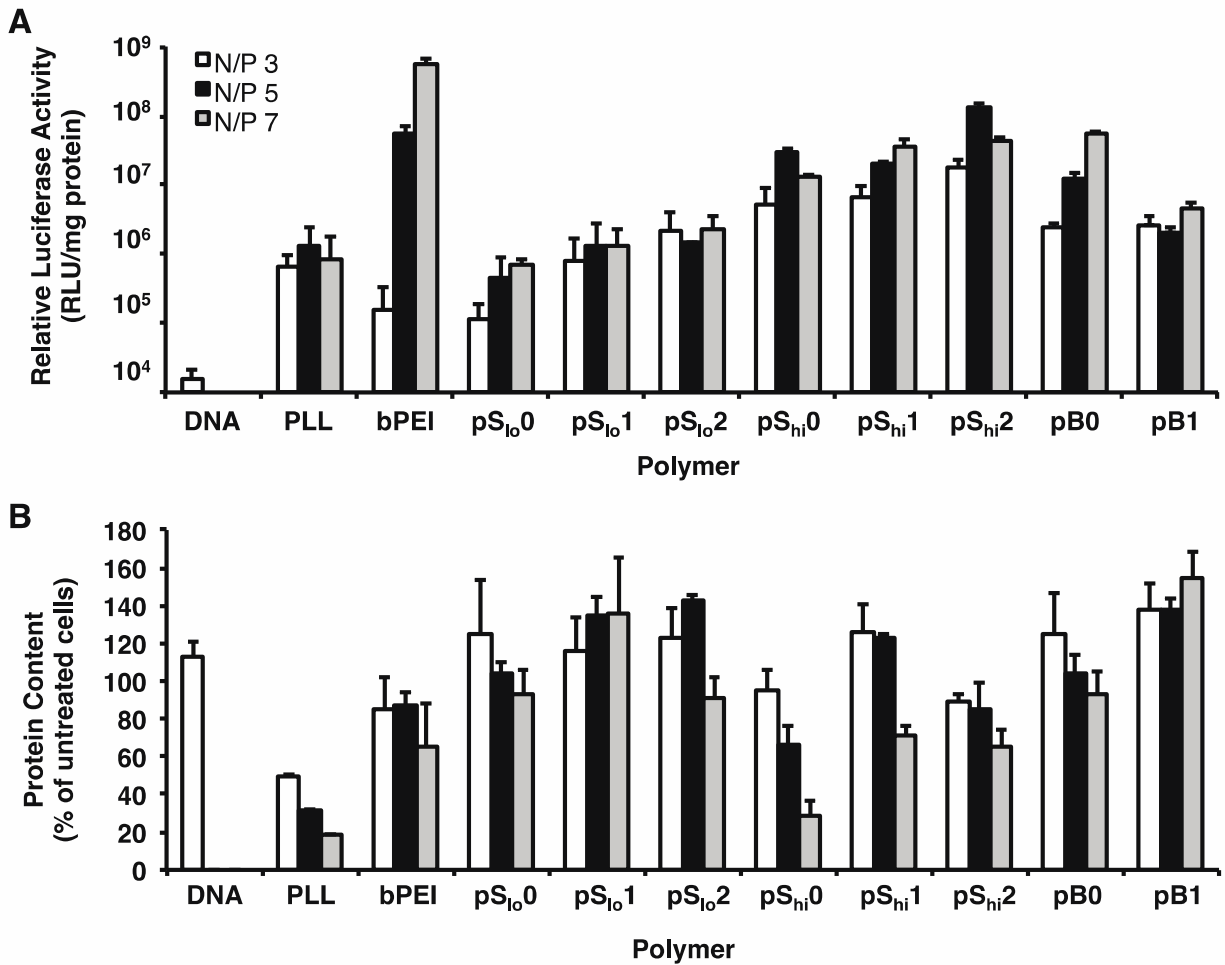


Supporting Information



Supplemental Figure 1. Size exclusion chromatography of pS_{hi} polymers. Molecular weight analysis of polymers was carried out by size exclusion chromatography with polymers at 10 mg/mL in running buffer (0.15 M sodium acetate buffer, pH 4.4). Absolute molecular weight averages (M_n and M_w), and dn/dc were calculated using ASTRA software. The dn/dc for each copolymer was 0.133 mL/g.



Supplemental Figure 2. Transfection of HPMA-oligolysine-oligohistidine polyplexes in HeLa cells. (A) Transfection efficiency and (B) protein content of HeLa cells transfected with polyplexes formulated with statistical (pS_{io}0, pS_{io}1, pS_{io}2, and pS_{hi}0, pS_{hi}1, pS_{hi}2) or diblock (pB0, pB1) and DNA (1 μ g) at N/P 3, 5, 7 under serum-free conditions. Data are presented as the mean \pm S.D., $n = 3$, and representative of three independent experiments.