

Supporting Information for

Effects of charge asymmetry on the liquid-liquid phase separation of polyampholytes and their condensate properties

Yaxin An,^{*a} Tong Gao,^a Tianyi Wang,^a Donghui Zhang,^b Bhuvnesh Bharti^a

Corresponding author: Yaxin An, yxan@lsu.edu

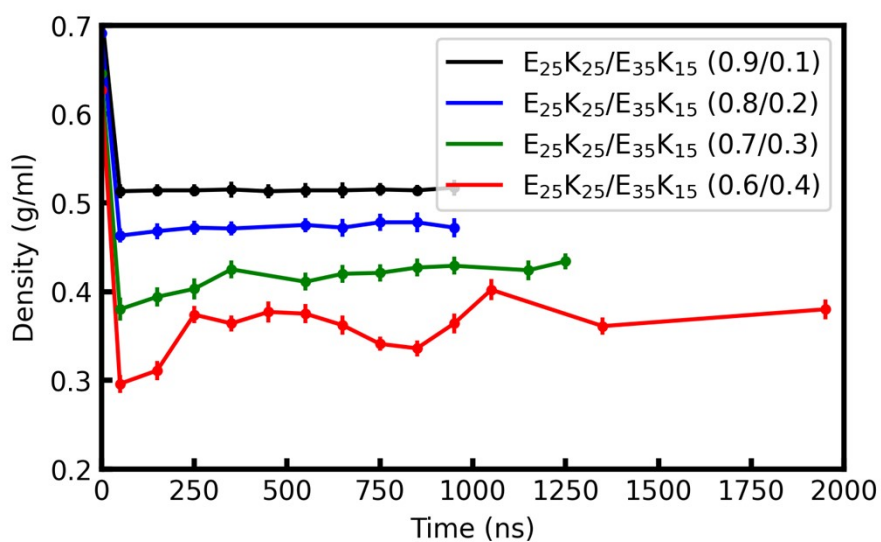


Fig. S1. The density of the condensate phases in the systems of $E_{25}K_{25}/E_{35}K_{15}$ (0.9/0.1, 0.8/0.2, 0.7/0.3, and 0.6/0.4). The density is averaged every 100 ns of the simulation trajectory.

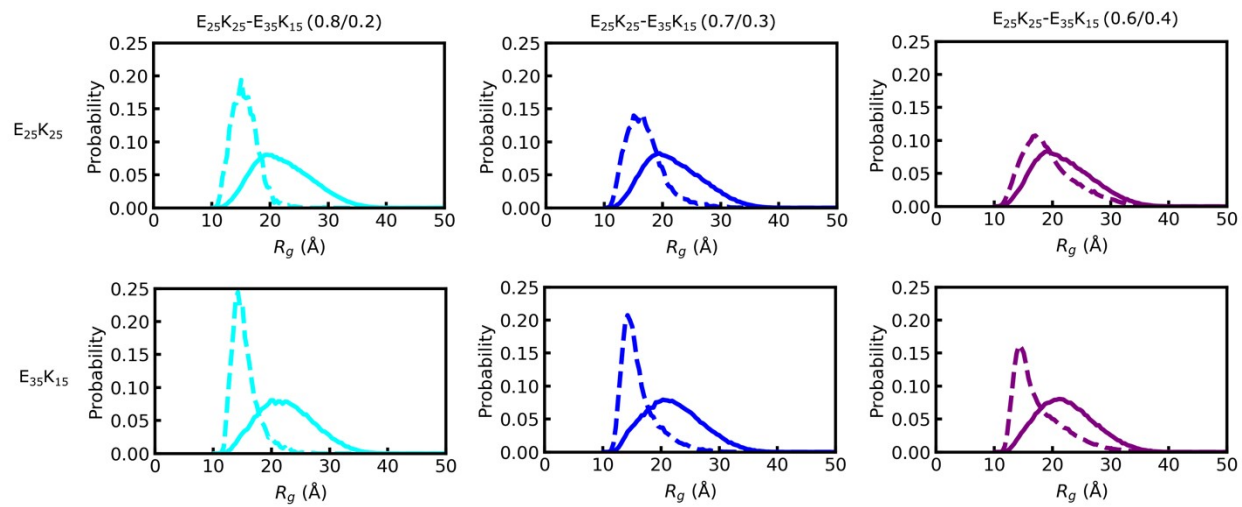


Fig. S2. The R_g distributions of $E_{25}K_{25}$ and $E_{35}K_{15}$ in the dilute (dashed lines) and condensate (solid) phases. The condensate phases are indicated in Fig. 2 of the main manuscript.