DNA AND ITS COUNTERIONS: A MOLECULAR DYNAMICS STUDY

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Supplementary material:

Figure S1

Figure S2

Figure S3

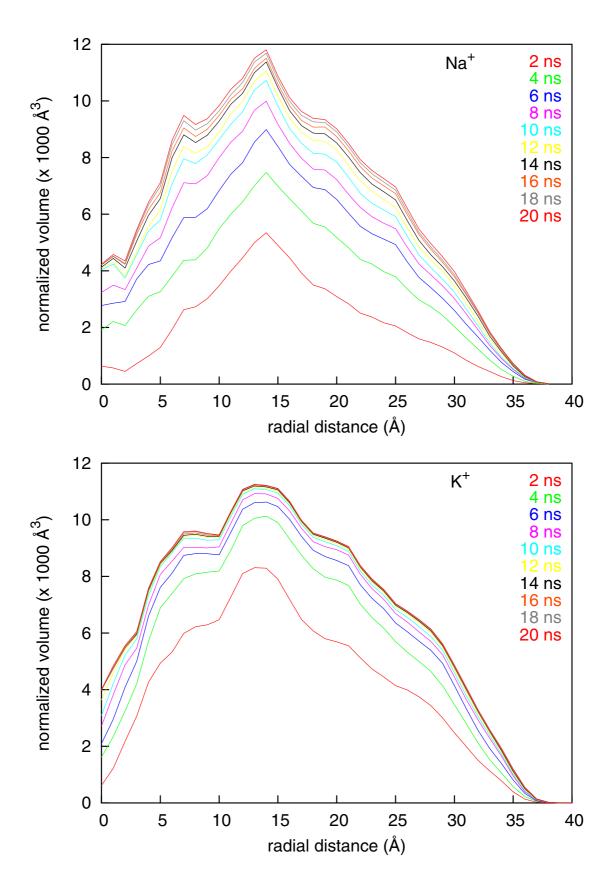


Figure S1. Normalized volume of cylindrical shells around DNA sampled by Na^+ (top) and K^+ (bottom) versus radial distance from a linear DNA axis during the first 20 ns simulation time.

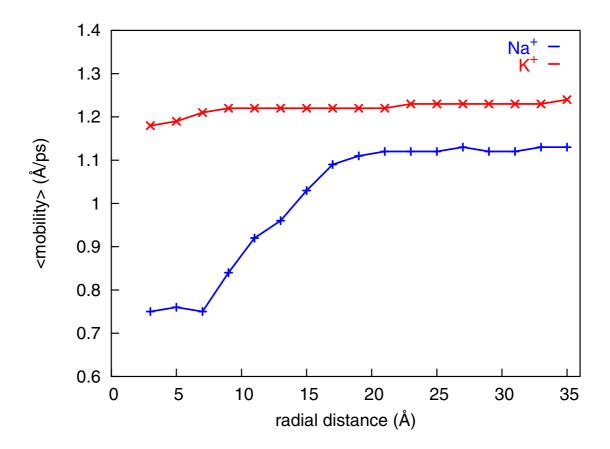


Figure S2. Ion mobility calculated as a function of the mean distance of ions from the DNA axis over 50 ns simulation time with Na^+ (blue) and K^+ (red) counterions.

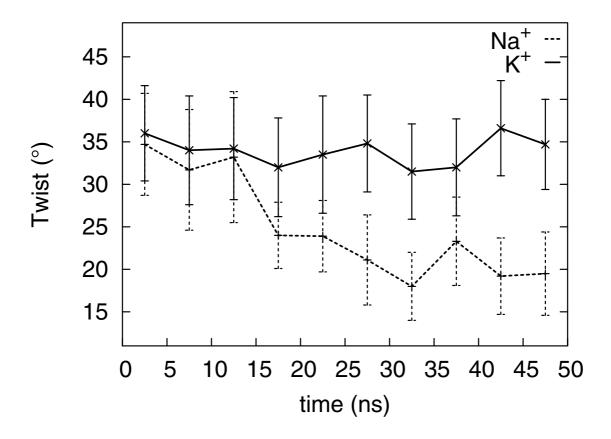


Figure S3. Twist angle between levels C_8/T_9 as a function of simulation time. Average values over 5 ns with standard deviation are given for simulation with Na⁺ (dotted line) and K⁺ counterions (solid line).