

**Figure 3 - Source Data 7: Experimentally determined excess number ( $N_i$ ) and the  $\beta_-$  coefficient (the faction of associated anions) and the  $\beta_+$  coefficient (the faction of excluded cation) for 40 mM NaBr around histones H2A, H2B and (H2A·H2B) dimer**

	H2A				H2B				(H2A·H2B) dimer			
	$N_{Na^+}$	$N_{Br^-}$	total	$q_{H2A}$	$N_{Na^+}$	$N_{Br^-}$	total	$q_{H2B}$	$N_{Na^+}$	$N_{Br^-}$	total	$q_{com}$
	$-4.7 \pm 1.5$	$10.2 \pm 1.0$	$-15.0 \pm 1.8$	+17	$-5.0 \pm 1.0$	$13.6 \pm 1.0$	$-18.6 \pm 1.0$	+19	$-8.5 \pm 2.0$	$26.5 \pm 1.8$	$-35.0 \pm 2.2$	+36
$\beta_-$	$0.69 \pm 0.060$				$0.73 \pm 0.04$				$0.75 \pm 0.02$			
$\beta_+$	$0.32 \pm 0.1$				$0.27 \pm 0.05$				$0.24 \pm 0.05$			