

# SCIENTIFIC REPORTS

## Corrigendum: Structural basis of a nucleosome containing histone H2A.B/H2A.Bbd that transiently associates with reorganized chromatin

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The DLS data shown in Figure 5b was obtained using the 146 bp  $\alpha$ -satellite DNA derivative, rather than the 145 bp 601 DNA fragment.

Under the subheading ‘Solution structure of the H2A.B nucleosome’:

“In this analysis, we used the 145 bp 601 DNA fragment, which reportedly forms a stably positioned nucleosome<sup>3</sup>. Consistent with previous electron and atomic force microscopic analyses<sup>29</sup>, the mean particle size of the H2A.B octasome with the 145 bp 601 DNA fragment was clearly larger than that of the canonical H2A octasome (Fig. 5a and b).”

should read:

“In this analysis, we used a 146 bp DNA fragment, containing the  $\alpha$ -satellite sequence, which reportedly forms a stably positioned nucleosome<sup>1</sup>. Consistent with previous electron and atomic force microscopic analyses<sup>29</sup>, the mean particle size of the H2A.B octasome was clearly larger than that of the canonical H2A octasome (Fig. 5a and b).”

In the legend of Figure 5b:

“Particle size distribution profiles in the DLS analysis of the H2A and H2A.B octasomes with a 145 bp 601 DNA fragment”

should read:

“Particle size distribution profiles in the DLS analysis of the H2A and H2A.B octasomes with a 146 bp DNA fragment.”

In the Methods section, under the subheading ‘Dynamic light scattering (DLS) measurements’:

“For the DLS experiments, the 145 bp 601 DNA was used.”

should read:

“For the DLS experiments, a 146 bp DNA containing the  $\alpha$ -satellite sequence was used.”