

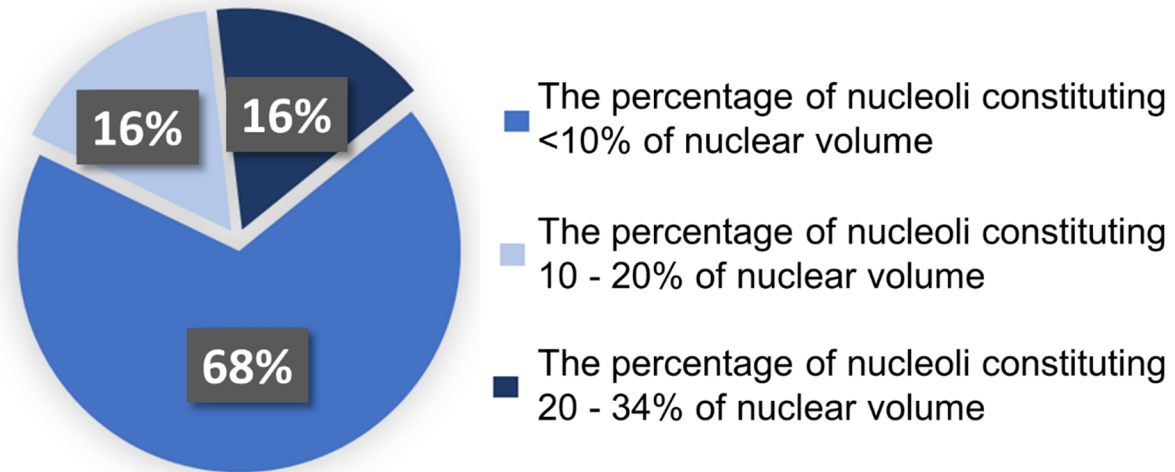
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**The distribution and behaviour of *Brachypodium distachyon*
chromosomes at interphase**

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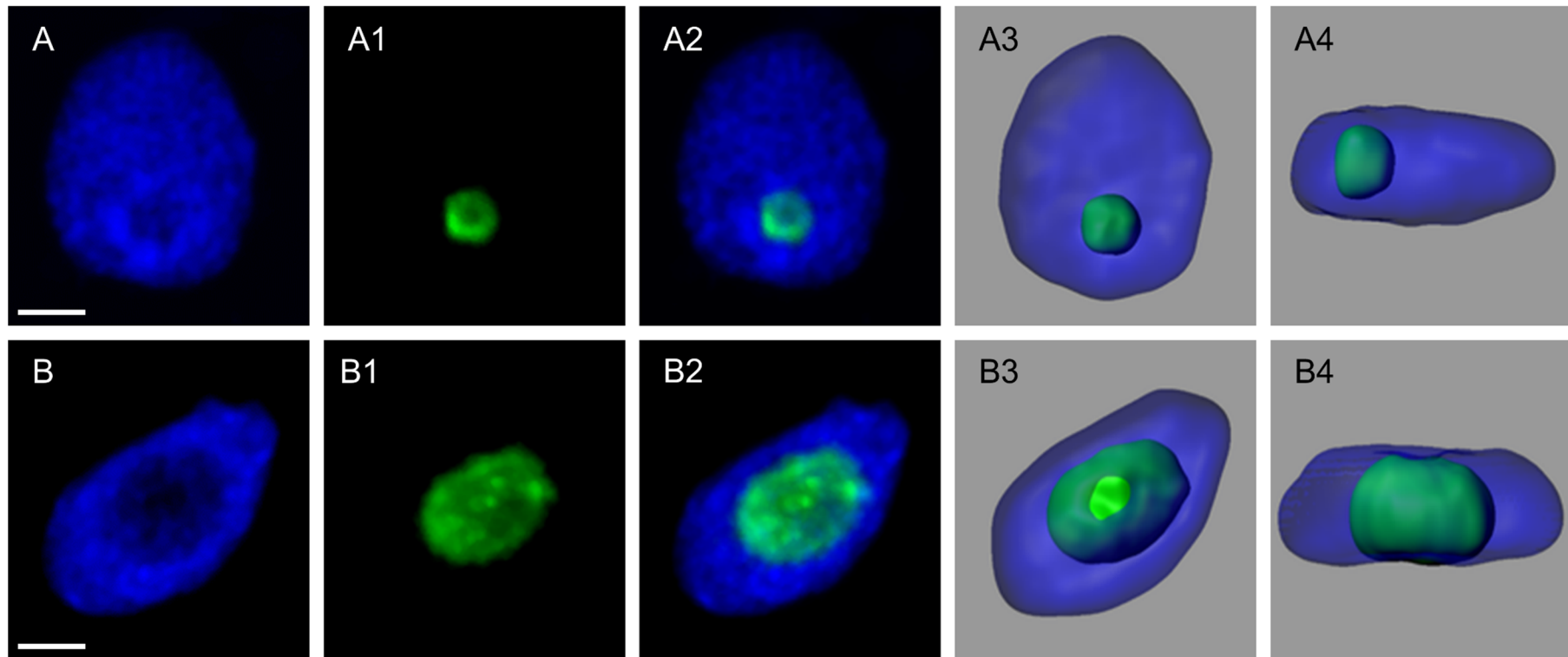
SUPPLEMENTARY DATA

Supplementary Figure S1



Supplementary Figure S1. Volumes of the nucleoli in the root cell nuclei of *B. distachyon*.

Supplementary Figure S2



Supplementary Figure S2. Size of the nucleoli isolated from *B. distachyon* roots.

(A, B) Interphase nuclei with a similar volume (78.7 and $73.4 \mu\text{m}^3$, respectively), counterstained with DAPI (blue fluorescence);

(A1, B1) Nucleoli with a different volume (3.8 and $23.7 \mu\text{m}^3$, respectively) detected by immunostaining fibrillarin (green fluorescence);

(A2, B2) Superimposed images of nuclei and nucleoli;

(A3-A4, B3-B4) Models of nuclei and nucleoli prepared using Imaris Software (Bitplane) based on microscopy images and observed in different planes.

Scale bars: $2 \mu\text{m}$.