

SUPPLEMENTARY MATERIAL

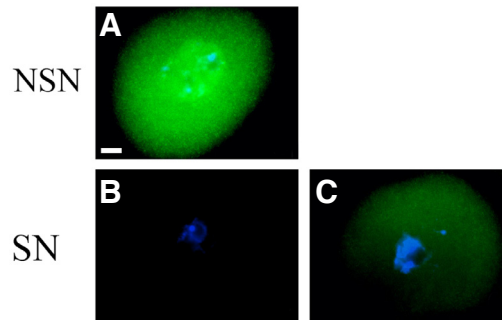
corresponding to:

**The NOBOX protein becomes undetectable
in developmentally competent antral and ovulated oocytes**

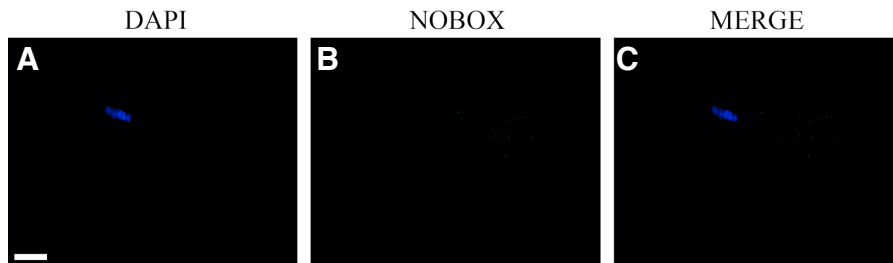
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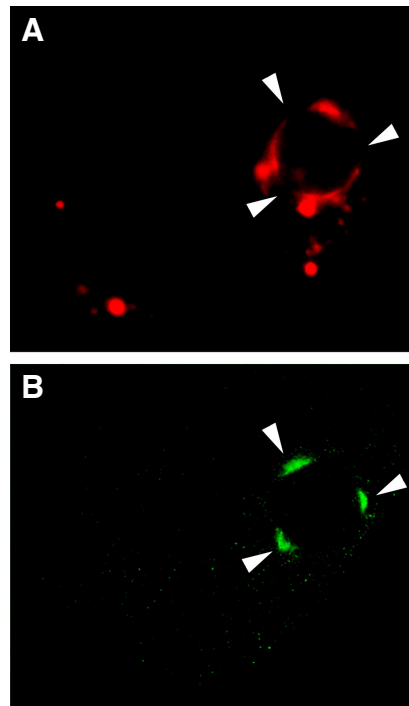
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Supplementary Fig. S1. Ovarian oocytes of 41-50 μm diameter present also patterns of NOBOX immunolocalizations different from those reported in Fig. 2 (main text). In 26% NSN oocytes, NOBOX is detected in both nucleus and cytoplasm; in SN oocytes, the signal is lacking (b, 10%) or has a light cytoplasmic fluorescence (c, 20%). Bar, 5 μm .



Supplementary Fig. S2. The NOBOX protein is undetectable in ovulated MII oocytes. The chromosome plate is counterstained with DAPI (blue). Bar, 5 μm .



Supplementary Fig. S3. Localization of NOBOX protein in fully-grown antral SN oocytes. Equatorial optical section of a 3D Z-stack of the nucleus of a fully-grown SN oocyte showing three perinucleolar domains characterised by the absence of Hoechst-positive (pseudo-coloured in red) chromatin (A) (arrowheads) and the presence of the NOBOX protein (green) (B) (arrowheads).