Description of Additional Supplementary Files

**File name: Supplementary Movie 1**

**Description:** Time-lapse movie of germinal vesicle breakdown in NSN-GVO during in vitro maturation injected with H2B-YFP mRNA. Scale bar = 20 μm

**File name: Supplementary Movie 2**

**Description:** Time-lapse movie of germinal vesicle breakdown in SN-GVO during in vitro maturation injected with H2B-YFP mRNA. Scale bar = 20 μm.

**File name: Supplementary Data 1**

**Description:** Information on the sequencing reads from Supplementary Figure 4.

**File name: Supplementary Data 2**

**Description:** Source data behind the graphs in the paper.