Protein Phosphatase 6 Protects Prophase I-Arrested Oocytes by Safeguarding Genomic Integrity

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*Ppp6c* deletion causes persistent DNA damage in oocytes within primordial follicles.

Image Credit: Meng-Wen Hu. Pictured is the immunofluorescent staining of 2-month-old ovarian sections showing increased γH2AX in PP6c-depleted oocytes. Blue is DAPI stain. Green is immunofluorescence signal of γH2AX, a marker of DNA double strand breaks. Red is immunofluorescence signal of MVH (mouse VASA homolog), a germ cell marker.