



Supplementary Figure 3. T_{UT}4/7-deficiency results in late pachytene spermatogenic arrest. a. PAS staining of tubules at stages V-VI, VII-VIII or XI of the seminiferous cycle from *Tut4/7^{CTL}*, *Tut4/7^{CKO}* and *Tut4/7^{CKO}* animals. On the left, a schematic representation of the cell layers present at the different stages is presented. ES, elongating spermatids; RS, round spermatids; P, pachytene cell; B, B spermatogonia; Pl, pre-leptotene cell; D, diplotene cell; Z, zygotene cell and Ap, apoptotic cell. **b.** The percentages of most differentiated cell type across seminiferous tubules from *Tut4/7^{CTL}*, *Tut4/7^{CKO}* and *Tut4/7^{cAAD}* animals are shown. (Animals per genotype, n=3; Tubules per animal, n≥50.)