



Supplemental Figure 1. Phase contrast and fluorescent images of squashes of adult testes from transgenic and non-transgenic mice. In each pair of photographs, the phase contrast image is at left and the fluorescent image is at right. The fluorescent images in Panel A and Panels B-E were captured with 10 and 3 sec exposure, respectively. The brightness and contrast of the fluorescent images have been enhanced in ImageJ. Cell types in the phase contrast images have been labeled: Diplo, diplotene spermatocyte; Pachy, pachytene spermatocyte; Zygo, zygotene spermatocyte, Telo, meiosis I telophase; 2nd, secondary spermatocyte; St followed by a number, step of spermatids. The numbers in the boxes are the average pixel intensity measured with ImageJ. The lines connecting neighboring boxes were analyzed with the paired t-test.