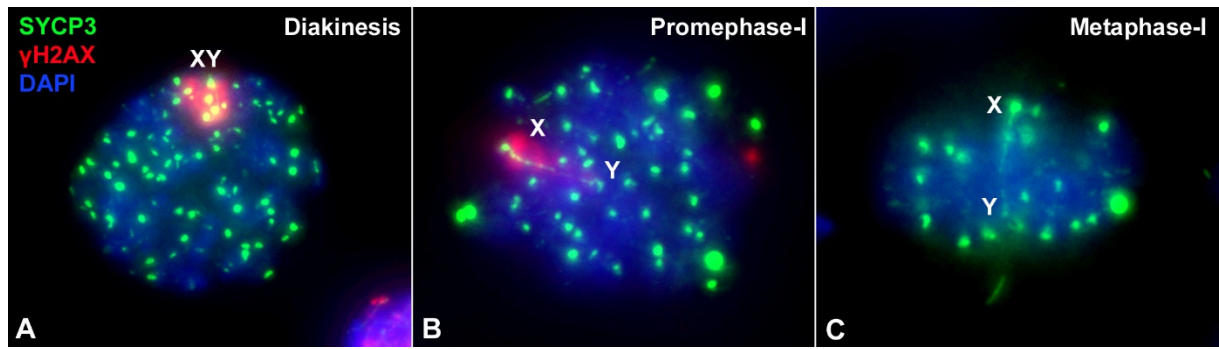


Supplementary Figure S1



Supplementary Figure S1. γ H2AX labeling of sex chromosomes during first meiotic division in *M. musculus*. Squashed spermatocytes labelled with antibodies against SYCP3 (green) and γ H2AX (magenta) and counterstained with DAPI (blue). Sex chromosomes are labelled with γ H2AX in diakinesis (**A**), but only a weak labelling is conserved in prometaphase-I (**B**), and no γ H2AX is detected in metaphase-I (**C**). Scale bar: 10 μ m.