



Supplementary Figure 4. The level of protein tyrosine phosphorylation during *in vitro* capacitation in boar spermatozoa. Samples were taken every 80 minutes during induced *in vitro* capacitation. Both capacitated and negative control (Not Capacitated) samples were kept in the same conditions to standardize all treatment groups. Total protein tyrosine phosphorylation levels were quantified using Image J and standardized through anti-alpha tubulin reactivity (Sigma, T6074). Tyrosine phosphorylation intensity measurements were adjusted so all time 0 measurements were an intensity of 1 to simplify the comparison. All measurements are the averages of three trials. Error bars represent standard error and * signifies statistical different of $p=0.02$.