



Supplementary Fig. 6: Flow cytometric measurements of boar spermatozoa from Fig. 5, before and after capacitation under proteasomal activity permissive/inhibiting (100 μ M MG132) conditions, including vehicle control (0.2% EtOH). Spermatozoa were labelled with an antibody against DQH (pB1, fibronectin type II domain containing protein, Fn2) to screen for DQH de-aggregation, and lectin PNA for outer acrosomal membrane integrity screening. A density scattered plot represents different, more precise, DQH labeling of each sperm treatment: before and after capacitation with/without proteasomal inhibitors, including vehicle control. Each scatter plot represents 10,000 properly focused single cell flow cytometric events. The experiment was replicated four times with comparable results.