



Supplementary Figure S1 - Illustrative images for adipocytes in the subcutaneous adipose tissue (SAT) (panel A, large arrowhead, H&E staining, magnification of $\times 100$), extramyocellular lipids (EMCLs) (panel B, large arrowhead, H&E staining, magnification of $\times 100$) and intramyocellular lipids (IMCLs) (panel C, small arrowhead, oil red O staining, magnification of $\times 400$) in the *longissimus lumborum* (LL) muscle (scale bar = 100 μm).