



Supplementary Fig. 2. Representative photographs of Western blots showing the effects of acetylcholine (ACh) alone or with antagonists of muscarinic 2 and 3 receptor subtypes (M2R/M3R) and α -7 nicotinic ACh receptor (α -7 nAChR) on the 5-lipoxygenase (5-LO; blot A), leukotriene (LT)A4 hydrolase (LTAH; blot B) and LTC4 synthase (LTCS; blot C) protein abundances in the endometrium of gilts from the control and *E. coli* groups. Control group lines: 1 – control value (CV) obtained from an endometrium of the control or *E. coli* groups that had not undergone any *in vitro* treatment, 3 – ACh, 5 – M2R antagonist with ACh, 7 – M3R antagonist with ACh, 9 – α -7 nAChR antagonist with ACh. *E. coli* group lines: 2 – CV, 4 – ACh, 6 – M2R antagonist with ACh, 8 – M3R antagonist with ACh, 10 – α -7 nAChR antagonist with ACh. Enzyme abundances were normalised against glyceraldehyde-3-phosphate dehydrogenase (GAPDH). Bands for the 5-LO antibody are visible at 78 kDa, for the LTAH antibody at 69 kDa, for the LTCS antibody at 18 kDa and for the GAPDH antibody at 36 kDa. M – marker