Supplementary Figure. Electrical field stimulation (EFS) and contractile measurement with the colonic muscle strip in the ascending colon (AC) and descending colon (DC). EFS responses at 1 Hz (A-D), 5 Hz (E-H), 10 Hz (I-L), and 20 Hz (M-P) in the longitudinal direction in the AC (A, E, I, M) and DC (B, F, J, N), and in the circular direction in the AC (C, G, K, O) and DC (D, H, L, P). The response to EFS with atropine-phentolamine, apamin, and L-NG-nitroarginine methyl ester (L-NAME) were measured in the colons of 6-week old and 2-year old rats. The value before drug treatment was defined as 100% in the calculation of percent changes of EFS responses. All values are represented as mean ± SEM (each group, n = 5). *P < 0.05 as compared to 6-week old rats.