

### Electronic Supplementary Information

Figure S1. Representative western blot images of colonic occludin and GAPDH proteins.

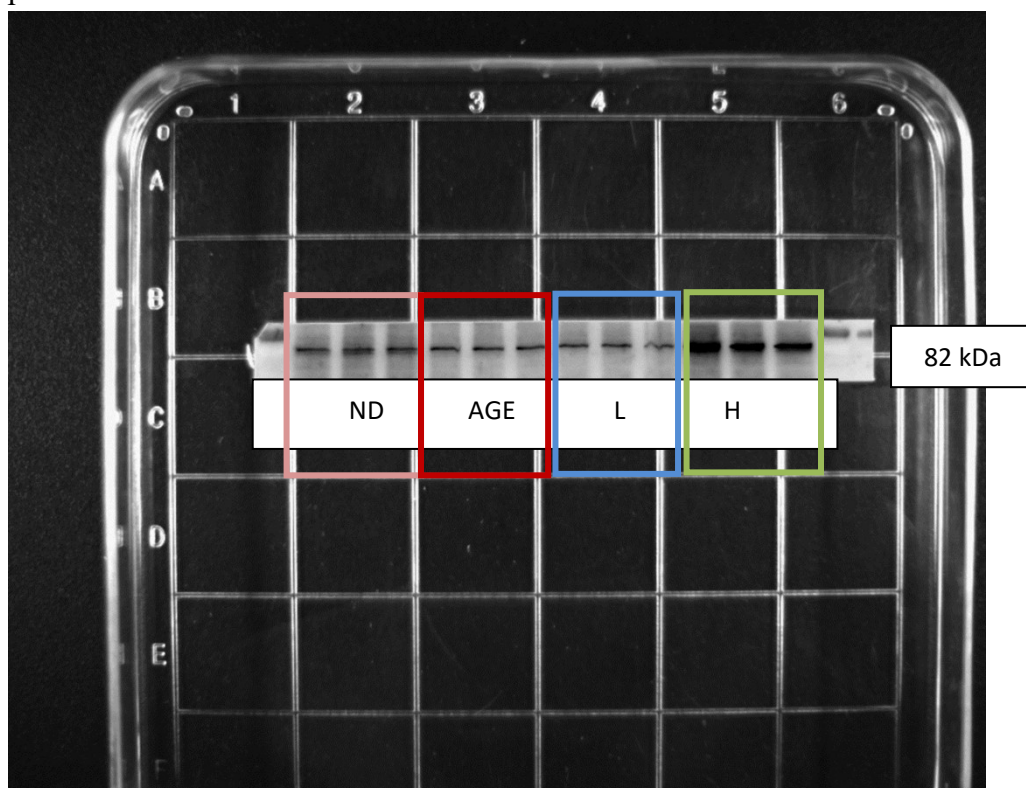


Figure S2. Representative western blot images of colonic GAPDH proteins.

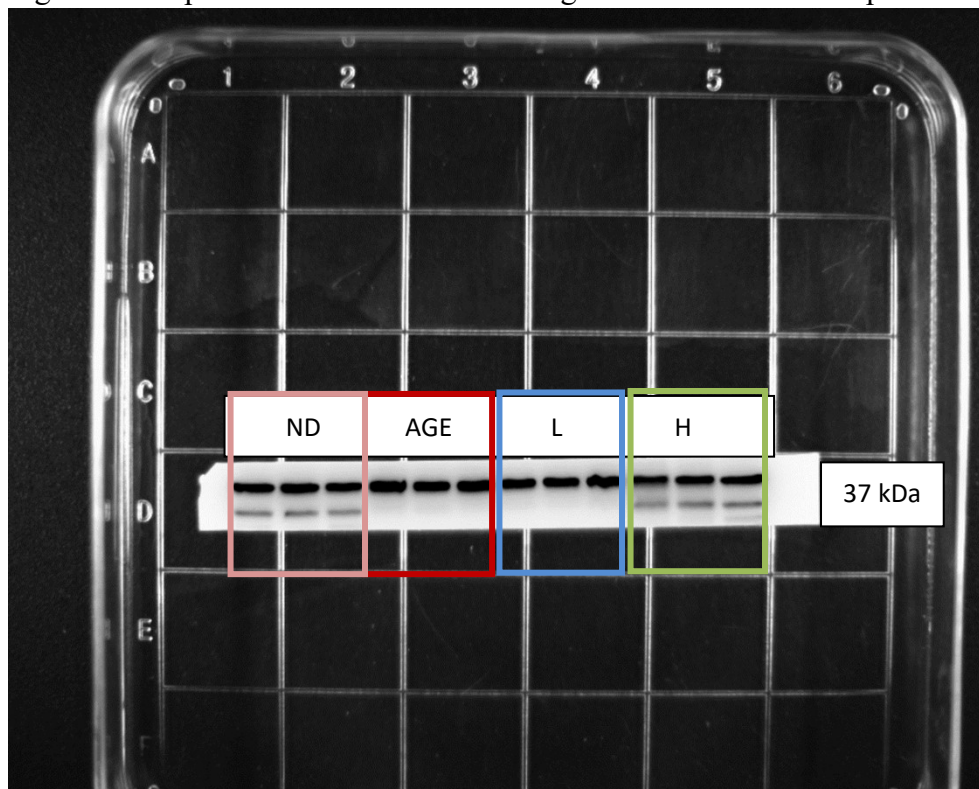


Figure S3. Representative western blot images of colonic Claudin-1 proteins.

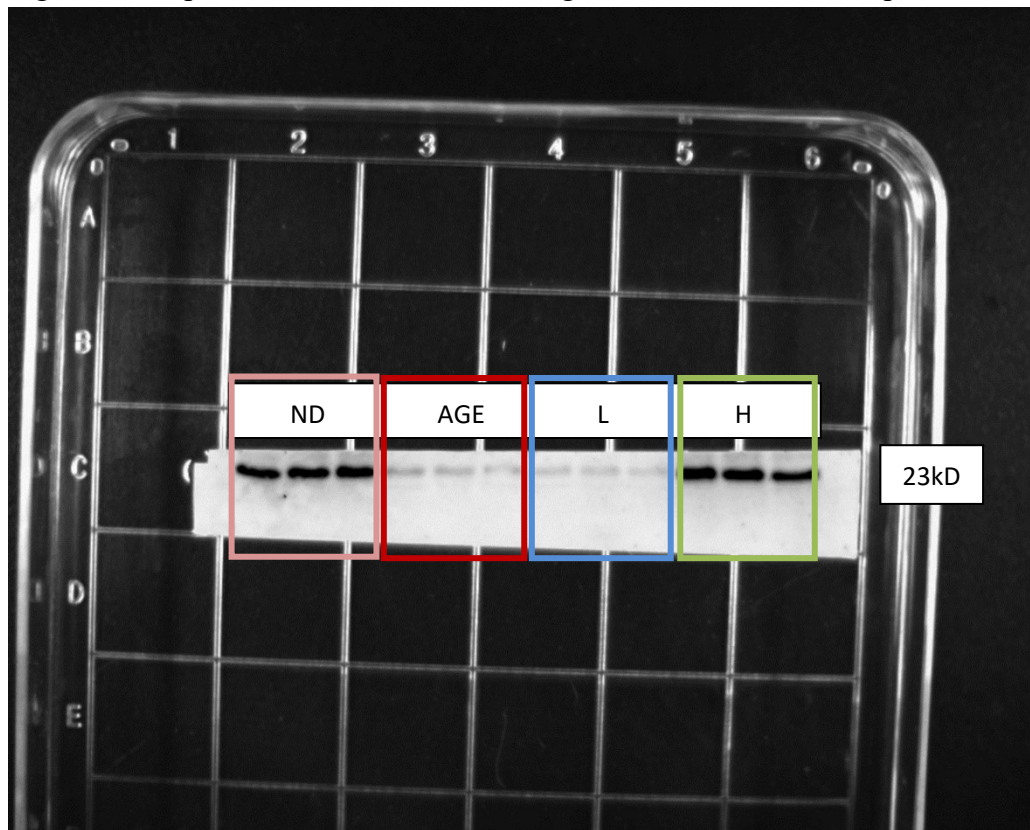


Figure S4. Representative western blot images of colonic GAPDH proteins.

