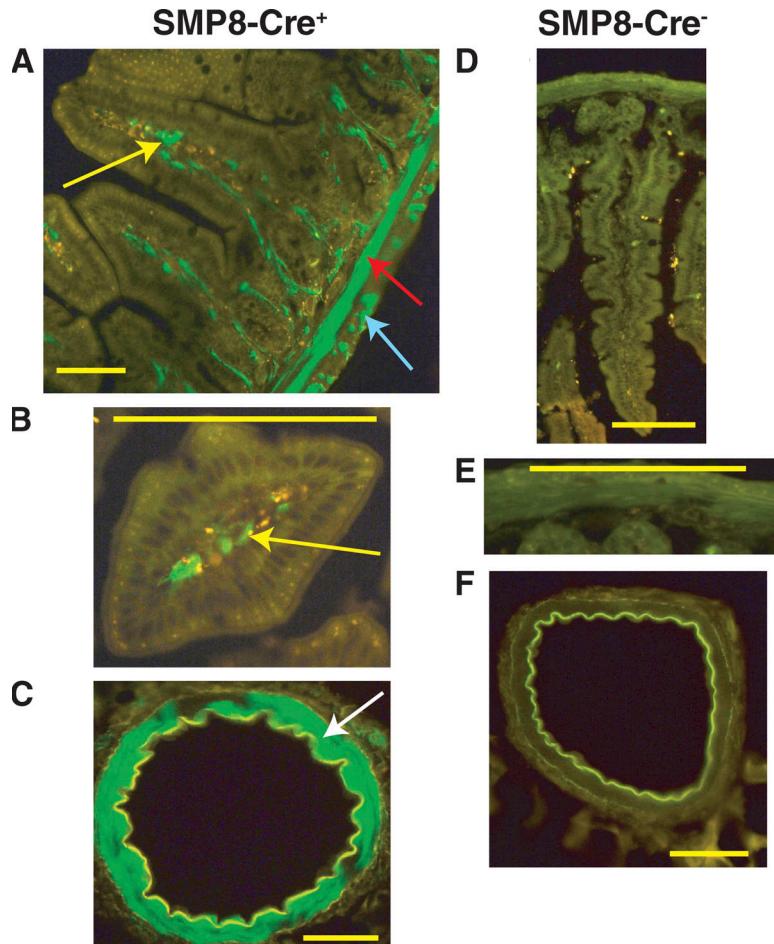


## SUPPLEMENTAL MATERIAL

Perkins et al., <http://www.jem.org/cgi/content/full/jem.20100023/DC1>

**Figure S1. Cellular expression of Cre in SMP8-Cre transgenic mice.** SMP8-Cre transgenic mice were bred to Rosa-YFP mice to generate mice that expressed both transgenes (SMP8-Cre<sup>+</sup>) or only the Rosa-YFP transgene (SMP8-Cre<sup>-</sup>). Photomicrographs were taken of transverse sections of small intestine and arterioles in the fat surrounding the small intestine with a light source and filter set that makes YFP appear bright green and autofluorescence appear yellow or orange. (A–C) SMP8-Cre<sup>+</sup> mice. (D–F) Mice lacking the SMP8-Cre transgene. (A) Segment of transverse section of small intestine. Arrows point out villus axial smooth muscle cells, which form a sheath around central lymphatics in the villus (yellow arrow), radial muscle layer (red arrow), and longitudinal muscle layer (blue arrow). (B) Transverse section of villus. The yellow arrow indicates smooth muscle cells associated with intravillous lymphatic vessels. (C) Transverse section of arteriole. The white arrow indicates the radial smooth muscle layer of the arteriole. Note the green color of radial muscle (between yellow autofluorescing internal and external elastic membranes) and lack of staining of endothelial cells (medial to internal elastic membrane) and serosal cells (lateral to external elastic membrane). (D) Segment of transverse section of small intestine. (E) Enlarged segment of muscularis and serosa of small intestine. (D and E) Note the absence of green fluorescence in areas of smooth muscle. (F) Transverse section of arteriole. Note the absence of green fluorescence in radial muscle. Bars, 60  $\mu$ m.