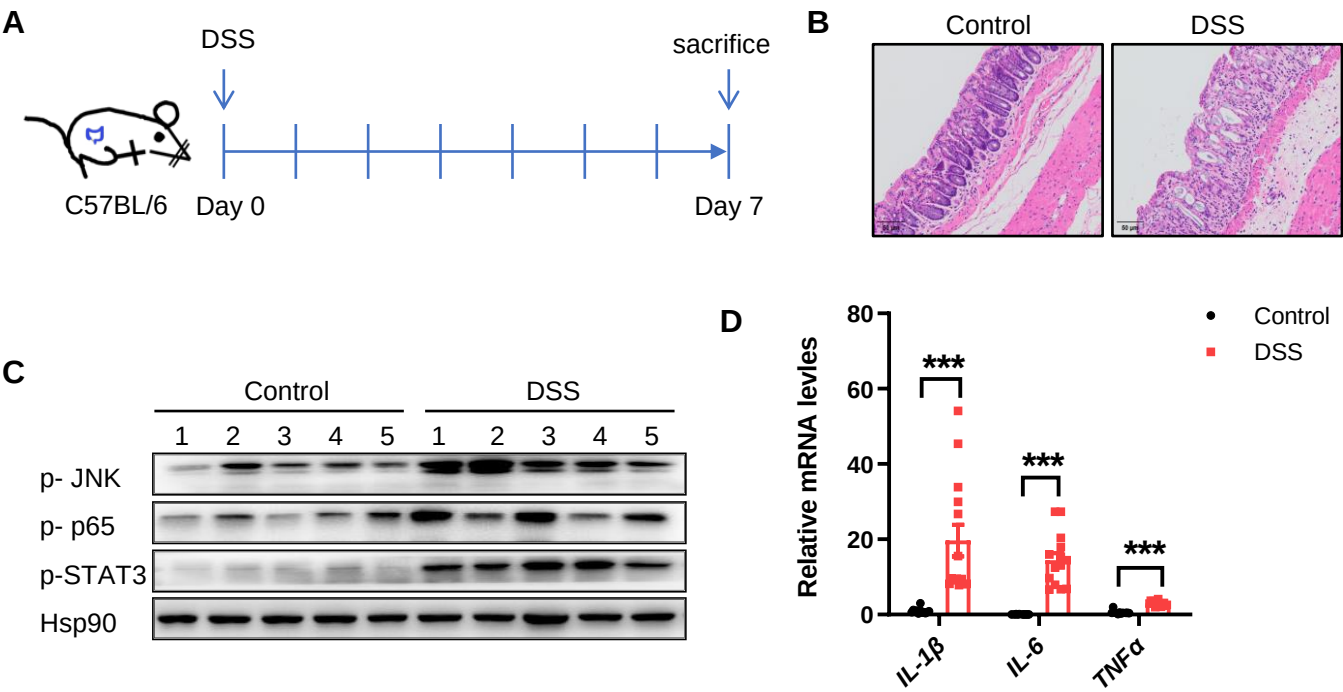
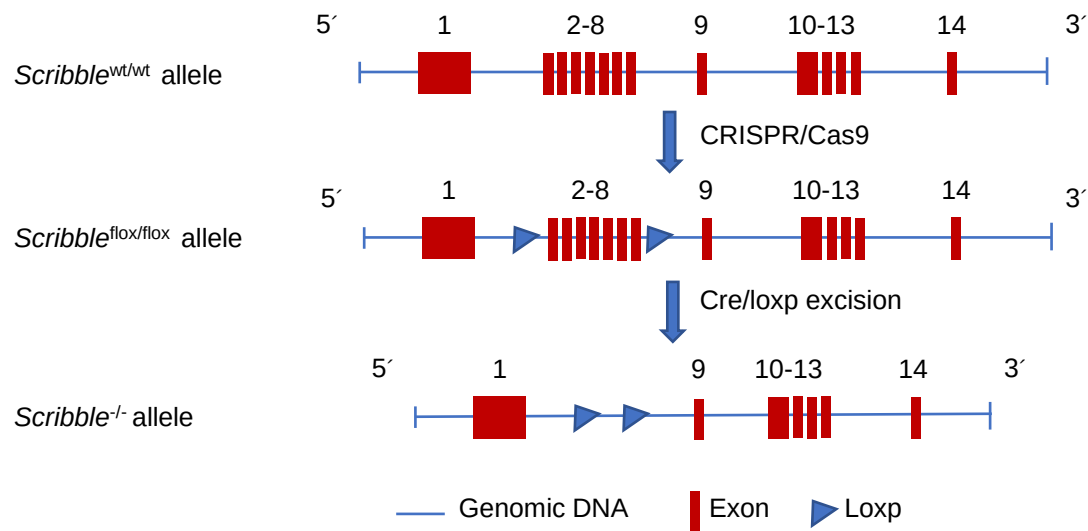


Supplementary Figure 1. The model of DSS -induced colitis

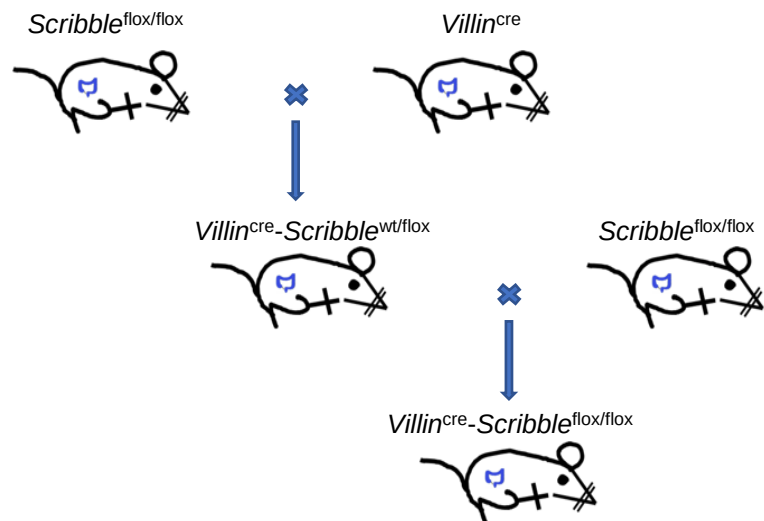


Supplementary Figure 2. The construction and expression of Scribble of intestinal-specific-Scribble knockout mice

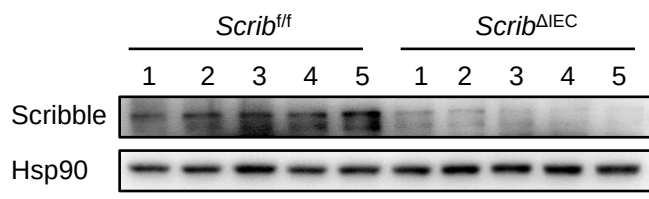
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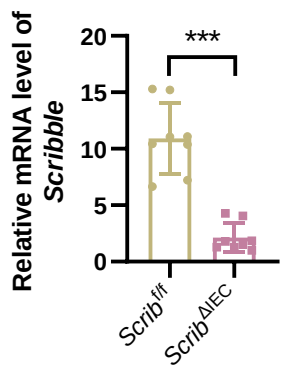
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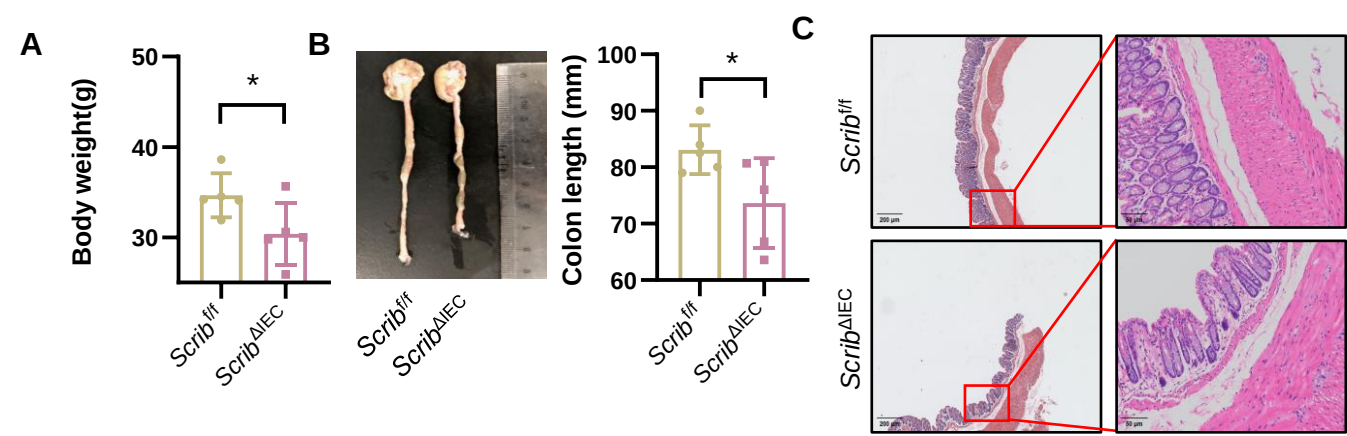
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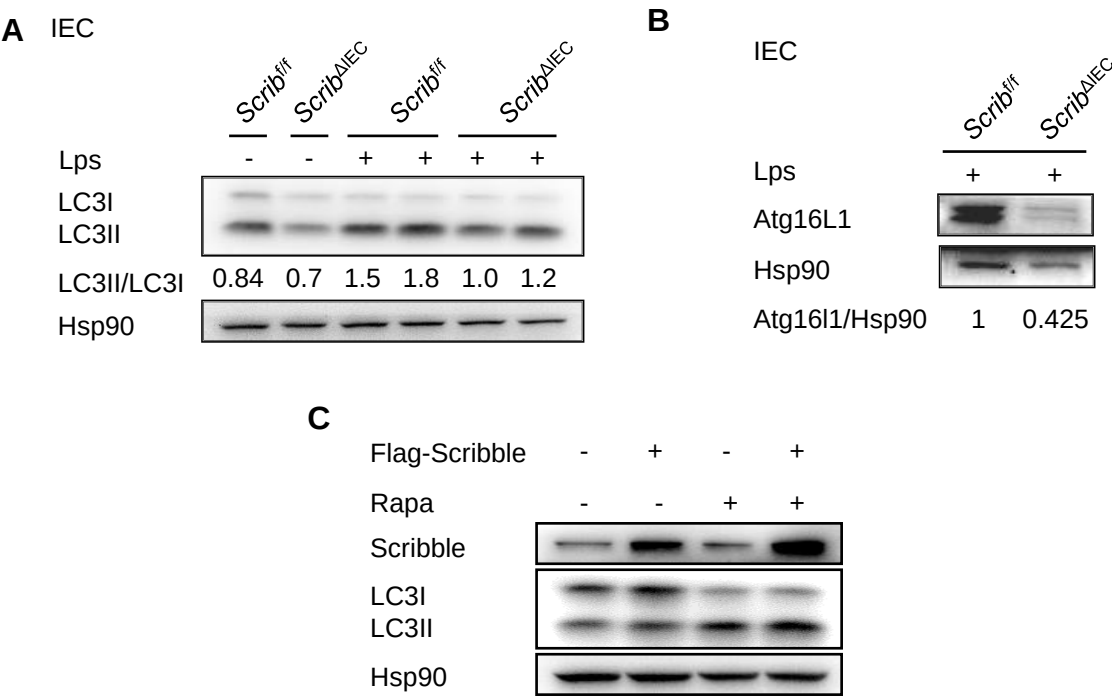
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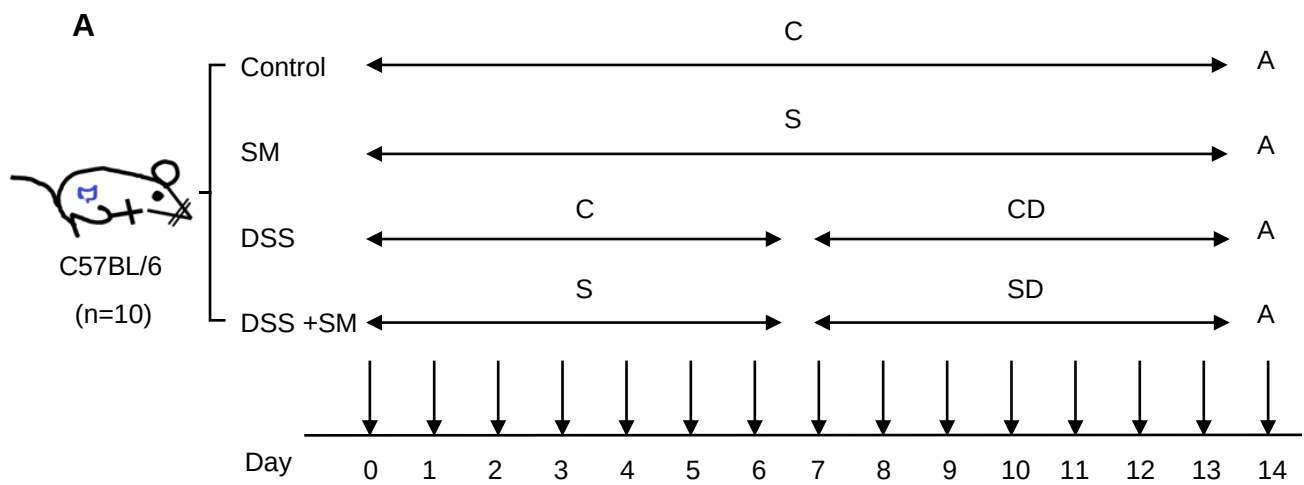
Supplementary Figure 3. Scribble deletion in IECs causes colon injury.



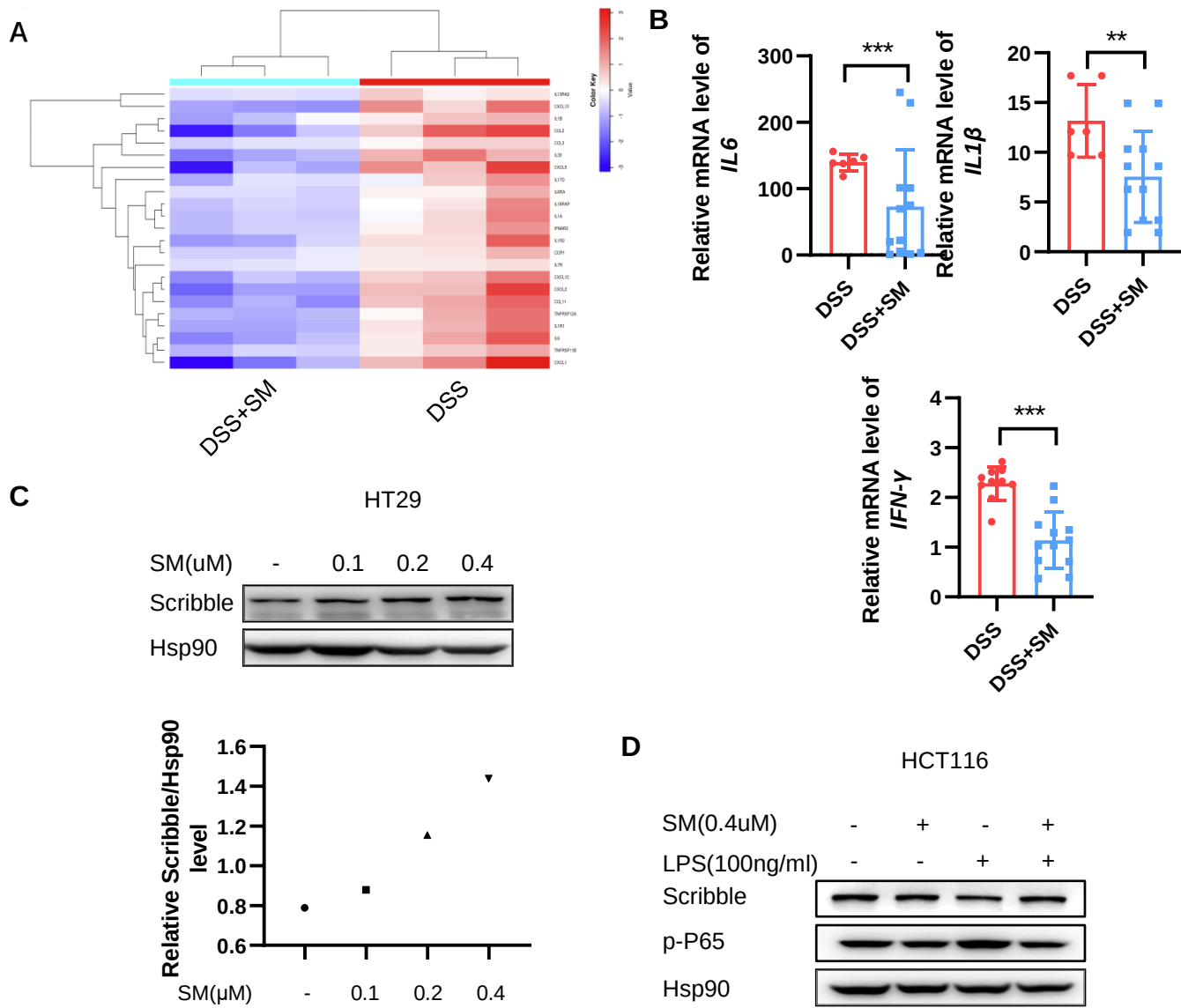
**Supplementary Figure 4. Scribble knockout suppressed autophagy and the expression of Atg16L1.**



**Supplementary Figure 5. The model of DSS induced colitis with sphingomyelin diet intervention in C57BL/6 mice.**



Supplementary Figure 6. SM decreases intestinal inflammation and increases the expression of Scribble in DSS induced colitis.



Supplementary Figure 7. Dietary Sphingomyelin enhance the growth of organoid.

