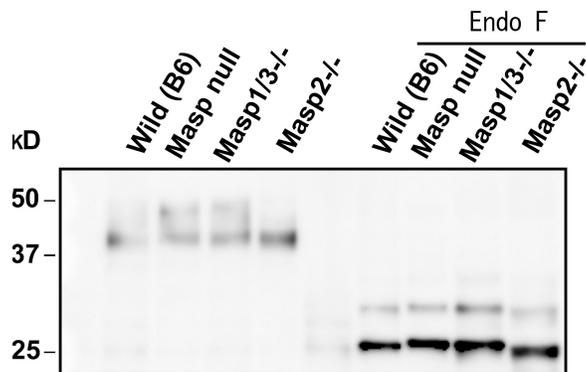
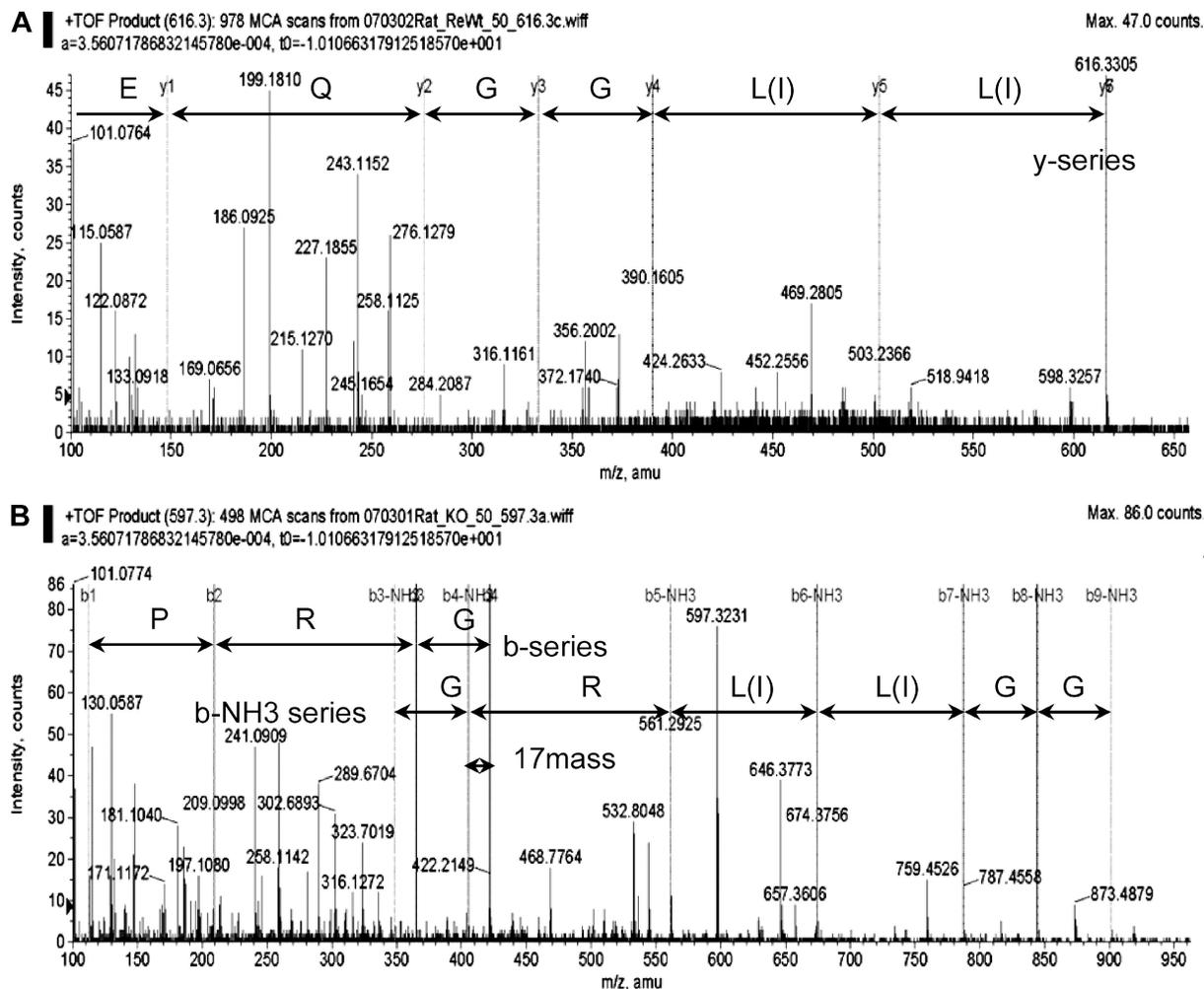


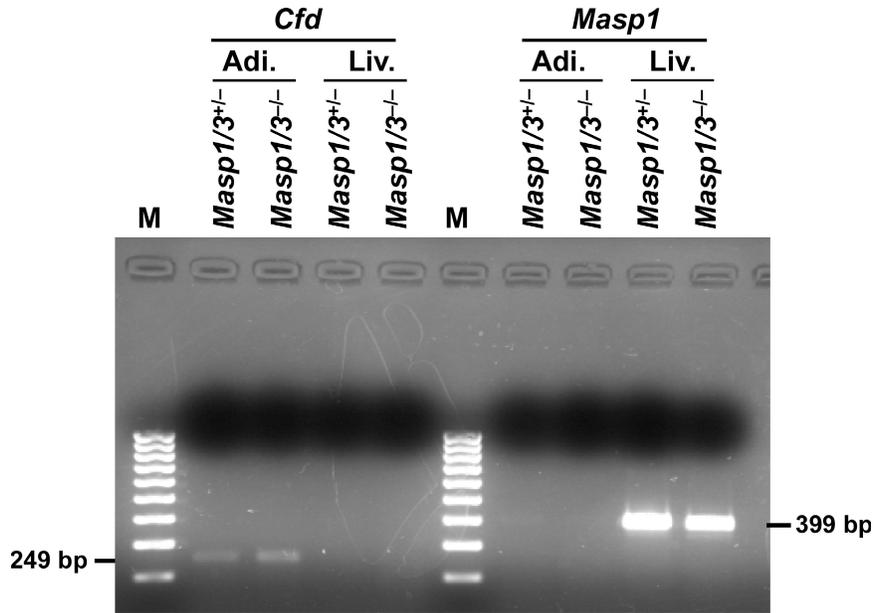
## SUPPLEMENTAL MATERIAL

Takahashi et al., <http://www.jem.org/cgi/content/full/jem.20090633/DC1>

**Figure S1. Immunoprecipitation and immunoblot of mouse Df from mouse sera.** Df was immunoprecipitated and immunoblotted with sera from wild-type (C57BL6), Masp-null, *Masp1/3<sup>-/-</sup>*, and *Masp2/sMap<sup>-/-</sup>*. (left) No treatment of endoglycosidase F (Endo-F). (right) Treatment of Endo F. Note: We speculated that an upper band out of two in right part was partially digested with Endo F. A Masp-null mouse that lacked all MASPs (MASP-1, MASP-2, MASP-3, and sMAP) was generated by crossing *Masp1/3<sup>-/-</sup>* and *Masp2/sMap<sup>-/-</sup>* mice. Data are representative of three independent experiments.



**Figure S2. Tandem mass analysis.** Mass peaks derived from V8 protease-digested fragments of partially purified Df were analyzed by MS/MS to confirm their internal amino acid sequence. MS/MS profiles of a molecular ion peak at 616.33 (m/z) derived from digested Df fragments in wild-type mouse (A) and a peak at 597.33 (m/z) from its fragments in *Masp1*<sup>-/-</sup> mouse (B) were presented.



**Figure S3. Expression of Df (*Cfd*) and *Masp1* in mouse adipose and liver tissue.** Reverse transcription-polymerase chain reactions were performed using total RNA from adipose (Adi.) and liver (Liv.) tissues in *Masp1/3<sup>+/-</sup>* and *Masp1/3<sup>-/-</sup>* mice. The primers used are indicated in the figure. PCR was performed for 35 cycles, followed by annealing at 59.2°C. Data from one out of two independent experiments with similar results are shown. Note: Even if *Masp1* transcript was observed in liver of *Masp1/3<sup>-/-</sup>* mouse, we speculated that abnormal *Masp1* mRNA (i.e., insertion of *neo* gene) was transcribed in the *Masp1/3<sup>-/-</sup>* mouse. Primers: 5'- CCATTAACATGATGTGTGCAGAG-3' and 5'- TGTCTCTGTTCCTGAGC-3' for *Cfd* and 5'- TGTGATGCCTGTCTGTCTGC-3' and 5'- CAGTTCCTCACCCAGTGAT-3' for *Masp1*.