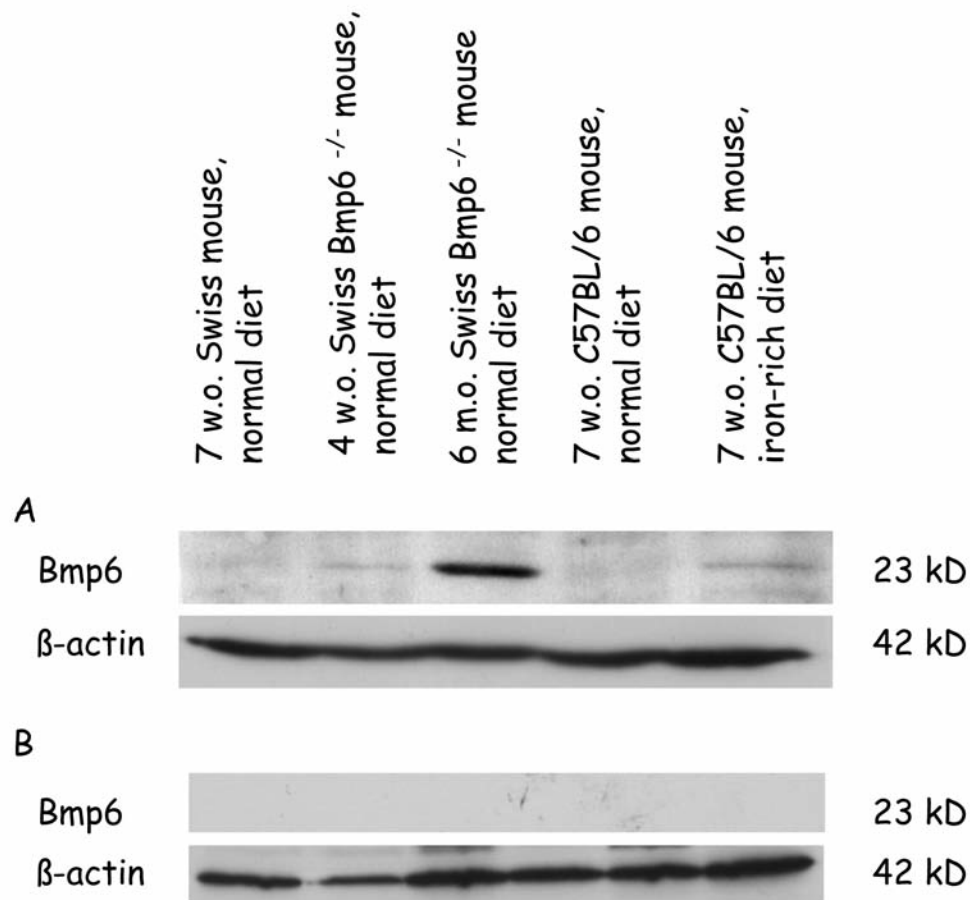


Iron overload induces BMP6 expression in the liver but not in the duodenum

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Online Supplementary Figure S1. BMP6 expression assessed by Western blot analysis in the liver (A) and the duodenum (B). The 23-kilodalton band observed in the liver of a 7 w.o. iron-overloaded C57BL/6 mouse fed an iron-enriched diet (liver iron content: 3448 mg iron/g dry weight) is also observed in a 4 w.o. Bmp6^{-/-} mouse (3443 mg iron/g dry weight) and is therefore not specific for Bmp6. Noticeably, its intensity is much stronger in a 6 m.o. Bmp6^{-/-} mouse with severe iron overload (14437 mg iron/g dry weight) and seems to correlate with the amount of iron accumulated in the liver of these mice rather than the amount of Bmp6. Bmp6 was below detection threshold in the liver of 7 w.o. C57BL/6 and Swiss mice fed an iron-balanced diet. It was not detected in either duodenum.