

Supplementary data

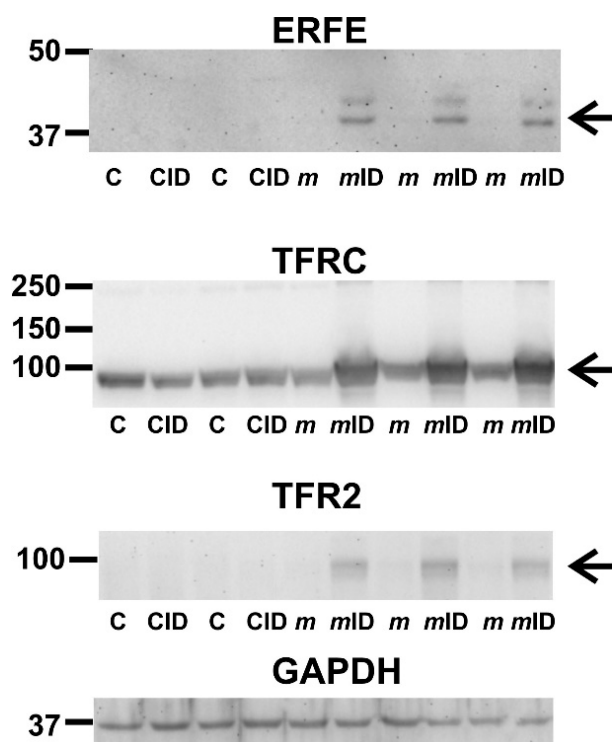


Figure S1. ERFE, TFRC and TFR2 protein content in spleen membranes from male C57BL/6 mice (C), C57BL/6 mice placed on an iron-deficient diet (CID), *mask* mice (*m*) and *mask* mice placed on an iron-deficient diet (*mID*). Arrows denote the relevant bands. TFRC and TFR2 are detected as single bands; ERFE is detected as a double band. GAPDH is used as loading control.

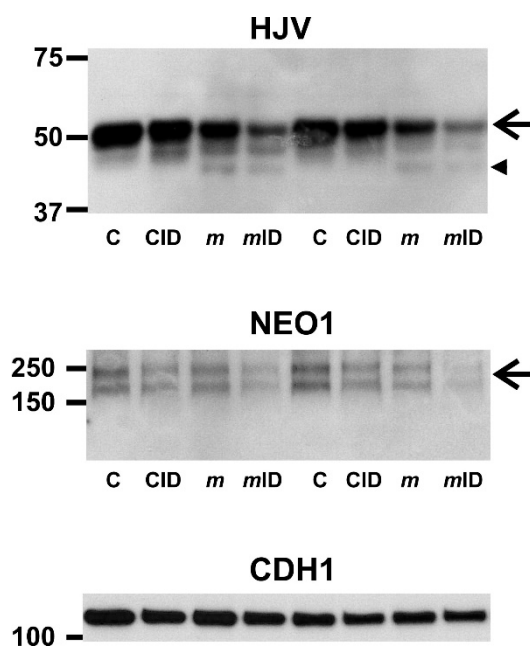


Figure S2. Expression of HJV and NEO1 proteins in male C57BL/6 mice on control diet (C), C57BL/6 mice on iron-deficient diet (CID), *mask* mice (*m*) and *mask* mice on iron-deficient diet (*mID*). Proteins were determined in the 3000 g plasma membrane-enriched fraction. Arrows indicate the full length HJV protein band and the double neogenin protein band, arrowhead indicates the cleaved HJV band seen in *mask* mice.

Table S1. List of primers used for PCR analysis

<i>Hamp:</i>	F: CTGAGCAGCACCACTATCTC	R: TGGCTCTAGGCTATGTTTTGC
<i>Id1:</i>	F: CGAGGTGGTACTTGGTCTGTC	R: CTGCAGGTCCCTGATGTAGTC
<i>Actb:</i>	F: GCTACAGCTTCACCACCACA	R: GGTCTTTACGGATGTCAACG
<i>Fam132b:</i>	F: ATGCTGTTTCGTCAAGCAGAGT	R: CCTTCAGCAGAACCTCAGATG
<i>Tfrc:</i>	F: AAAGTGGCTGCAGATGAAGAA	R: ATAGCCCAGGTAGCCACTCAT
<i>Tfr2:</i>	F: CCCTATCTGGTCCTGATCACC	R: CAAGGAACCGGAGAAACATGG
<i>Smad7:</i>	F: GCAGGCTGTCCAGATGCTGT	R: GATCCCCAGGCTCCAGAAGA
<i>Furin:</i>	F: GTGCATTGTTGAAATCCTGGT	R: TCCCATAGTTGTTGGCTTCAC