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Intestinal Heme Absorption in Hfe Knock-out Mice

Laftah A *et al.* Heme absorption by Hfe mice

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... Alternatively, enterocytes acquire iron by taking up dietary **heme**, possibly via the newly identified transporter ... Generation of **mice** with selective **Hfe** deficiency in **intestinal** enterocytes (**Hfe VillinCre**). ... to establish a **mouse** line that lacks **Hfe** selectively in the small **intestine** but not ...

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S Miret, RJ Simpson, AT McKie - Annual review of nutrition, 2003 - annualreviews.org

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T Ganz - ASH Education Program Book, 2006 - asheducationbook. ...

... When iron stores are adequate or high, the liver produces hepcidin, which circulates to the small

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Genes that modify the hemochromatosis phenotype in mice - NCBI

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Hfe knockout mice carrying mutations in the iron transporter DMT1 fail to load iron, ... Its role in regulation of intestinal iron absorption is not well understood. ... Liver non-heme iron increases in linear relationship to increasing body iron stores ...

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