

Supplementary Material

Table S1. Antibodies used for Flow Cytometry

Antigen	Dilution	Reference
CD45.2	1:200	561096 / BD Biosciences
CD11c	1:200	550261 / BD Biosciences
SiglecF	1:200	552126 / BD Biosciences
Ly-6G	1:100	127605 / BioLegend

Table S2. SYBR-green qRT-PCR primers

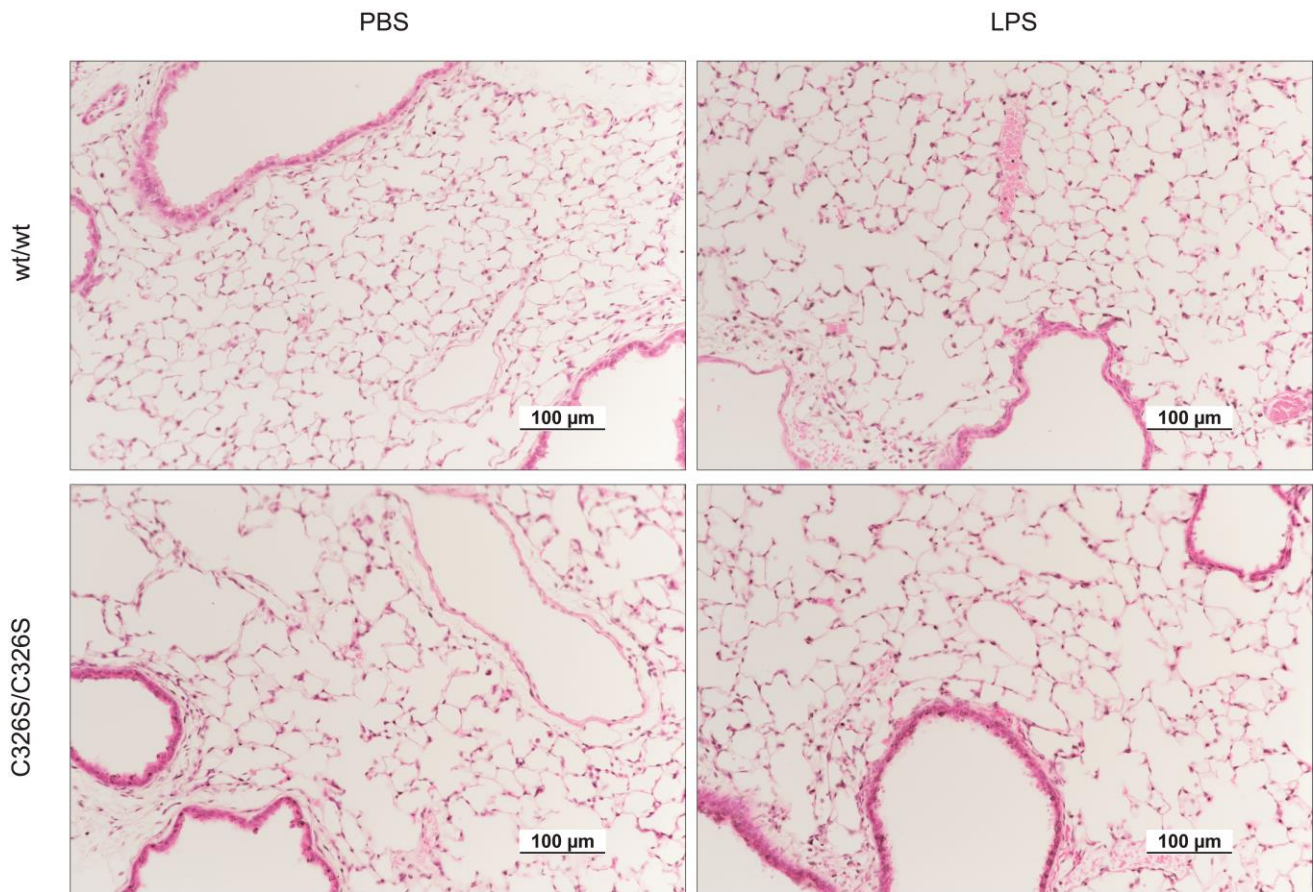
	Primer Forward	Primer Reverse
<i>Il1β</i>	GCAACTGTTCTGAACTCAACT	ATCTTTTGGGGTCCGTCAACT
<i>Il6</i>	GCTACCAAAGTGGATATAATCAGGA	CCAGGTAGCTATGGTACTCCAGAA
<i>Tnfα</i>	TGCCTATGTCTCAGCCTCTTC	GAGGCCATTTGGGAAGTTCT
<i>Il12β</i>	ATCGTTTTGCTGGTGTCTCC	GGAGTCCAGTCCACCTCTACA

<i>Socs3</i>	CCTTTGACAAGCGGACTCTC	GCCAGCATAAAAACCCTTCA
<i>RelB</i>	CCCGGCACAGCTTTAACAAC	TCTTCAGGGAGCCAGCATTG
<i>Ccl2</i> (MCP-1)	CATCCACGTGTTGGCTCA	GATCATCTTGCTGGTGAATGAGT
<i>Cxcl1</i> (KC)	AGACCATGGCTGGGATTACAC	CGCGACCATTCTTGAGTGTG
<i>Cxcl2</i> (MIP-2 α)	CCTGGTTCAGAAAATCATCCA	CTTCCGTTGAGGGACAGC
<i>Cxcl3</i>	CCCCAGGCTTCAGATAATCA	TCTGATTTAGAATGCAGGTCCTT
<i>Ccl3</i> (MIP-1 α)	AGATTCCACGCCAATTCATC	GCCGGTTTCTCTTAGTCAGGA
<i>Hepcidin</i>	ATACCAATGCAGAAGAGAAGG	AACAGATACCACACTGGGAA
<i>TfR1</i>	CCCATGACGTTGAATTGAACCT	GTAGTCTCCACGAGCGGAATA
<i>Slc40a1</i>	TGTCAGCCTGCTGTTTGCAGGA	TCTTGCAGCAACTGTGTCACCG

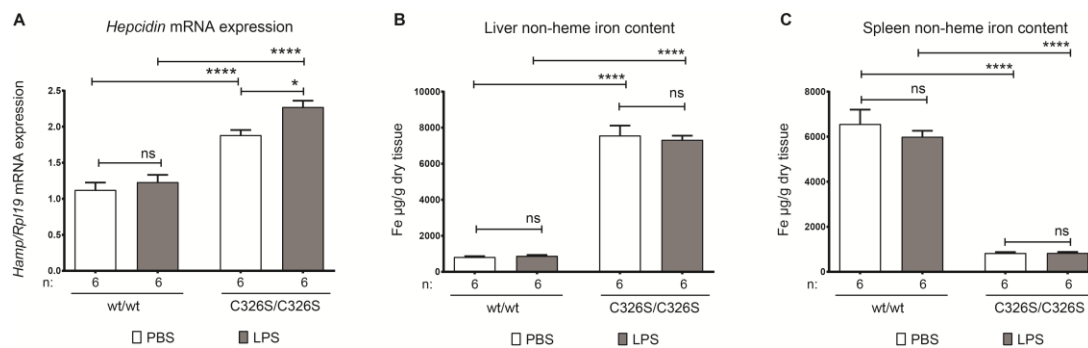
<i>(Fpn)</i>		
<i>Slc39a14</i> <i>(Zip14)</i>	TGGAACCCTCTACTCCAACG	CTGAGGGTTGAAGCCAAAAG
<i>Slc39a8</i> <i>(Zip8)</i>	TCAGCGTTGTATCCCTCCA	GTTTGGGCCCCTTCAGAC
<i>Rpl19</i>	AGGCATATGGGCATAGGGAAGAG	TTGACCTTCAGGTACAGGCTGTG

Table S3. Antibodies used for western blotting

Antigen	Host	Dilution	Reference
TFR1	Mouse	1:1000	136800 / Invitrogen
FTL	Rabbit	1:2500	ab69090 / abcam
FPN	Rabbit	1:500	MTP11-A / Alphadiagnostics
β -actin	Mouse	1:5000	A1978 / Sigma



Supplementary Figure S1. Hematoxylin and eosin stain of sections from paraffin embedded lung tissues from 14-week old female wild-type (wt/wt) and *Slc40a1*^{C326S/C326S} (C326S/C326S) mice upon PBS or LPS nebulization.



Supplementary Figure S2. Systemic iron homeostasis remains unaffected upon LPS inhalation. (A) qRT-PCR analysis of *hepcidin* in the liver of 14-week old female wild-type (wt/wt) and *Slc40a1*^{C326S/C326S} (C326S/C326S) mice upon PBS or LPS nebulization. (B-C) Liver and spleen non-heme iron content of 14-week old female wild-type (wt/wt) and *Slc40a1*^{C326S/C326S} (C326S/C326S) mice upon PBS or LPS nebulization. Number of mice analyzed (n) is indicated in each graph. Data are reported as mean ± SEM. Two-way ANOVA: *p < 0.5; ****p < 0.0001.